

DIGITAL  
ACCESSIBILITY:  
essential for some,  
useful for all

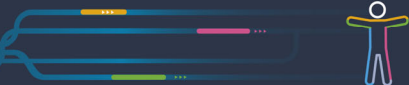


October 13, 2022


Maria Jerez  
Publications Office of the European Union

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Services of the Publications Office







- Consultancy services.
- Tutorials and trainings.
- Accessibility site: <https://op.europa.eu/en/web/accessibility/accessibility>
  - E-learning.
  - Documents.
  - External links.
- Production of accessible digital publishing
  - Web PDF.
  - Interactive HTML.
  - Mobile apps.
  - Audio-visual.



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# Digital accessibility



Design and layout

Fonts

Specific writing:  
easy-to-read, child-friendly

Colours

Alternative text

Captions

Subtitles

Transcripts

Dyslexia

Learning disabilities

Attention Deficit Hyperactivity Disorder


Cognitive disorders

Persons with other first language

[Children]



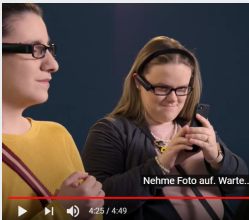

Visual disabilities: blindness,  
colour-blindness, and low vision

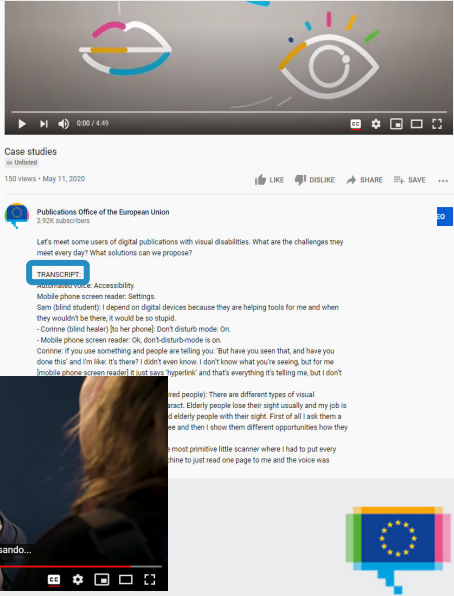
Auditory disabilities




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# Captions, subtitles and text transcripts





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# EU Pioneers

The trailblazers who helped build today's Europe

AUDIOBOOKS AVAILABLE TO LISTEN AND DOWNLOAD IN ALL 24 EU LANGUAGES.

български (bg) - español (es) - čeština (cs) - dansk (da) - Deutsch (de) - eesti keel (et) - ελληνικά (el) - English (en) - français (fr) - Gaeilge (ga) - hrvatski (hr) - italiano (it) - latviešu valoda (lv) - lietuvų kalba (lt) - magyar (hu) - Malti (mt) - Nederlands (nl) - polski (pl) - português (pt) - română (ro) - slovenčina (sk) - slovenščina (sl) - suomi (fi) - svenska (sv)



Слушайте българската версия:

▶ 0:00 / 58:20

🔊

⋮

Изтегляне (mp3)

Firefox: Кликнете с десния бутон на мишката върху връзката и изберете **Запази връзката като...**

Прочетете транскрипцията (txt)

Escucha la versión en español:

▶ 0:00 / 56:39

🔊

⋮

Descarga (mp3)

Firefox: Haga clic derecho en el enlace y **Guardar enlace como...**

Lea la transcripción (txt)

Poslechněte si českou verzi:

▶ 0:00 / 1:03:02


🔊

⋮

Ke stažení (mp3)


Firefox: Klikněte pravým tlačítkem myši na odkaz a **Uložit odkaz jako...**

Přečtěte si přepis (txt)




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## Fonts



Serif




Sans-serif




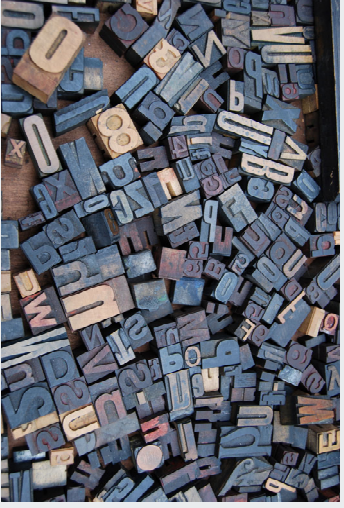
- Sans-serif fonts recommended for digital publications.

Gill Sans



Verdana





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## Easy-to-read text

- Many texts are very complex for some target groups.
- Some characteristics:
  - Simple and linear layout.
  - Short sentences.
  - With images to improve the understanding of the text.
  - Without abbreviations, technical terms and synonyms.

<https://www.inclusion-europe.eu/category/etr/>

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## Union of Equality Strategy for the Rights of Persons with Disabilities 2021-2030



Other funds can play a role in achieving the objectives of this strategy:

The Erasmus programme will foster financial support and other inclusive measures for participants with disabilities. The Citizenship, Equality, Rights and Values Programme (CERV) will support the implementation and governance of this Strategy. The Commission will foster a disability-inclusive implementation of other financial instruments and programmes such as InvestEU, Horizon Europe<sup>10</sup>.

To align the management of the relevant funds under the Multi-annual financial framework for 2021-2027<sup>11</sup> with regard to the rights of persons with disabilities, the Commission will support Member States through stronger cooperation, resources sharing activities, and targeted guidance.

The Neighbourhood, Development and International Cooperation Instrument 2021-2027 will contribute to the implementation of the external objectives of the strategy. Funds such as SURE<sup>12</sup>, the technical cooperation programme focusing on short-term missions, the Technical Assistance and Information Exchange instrument (TAIEI), and TWINNING programmes will help to implement EU disability policies worldwide.

The Commission will also:

- explore funding opportunities through the new Citizenship, Rights, Equality and Values Programme (CERV) to foster engagement of citizens with disabilities on equal basis with others;
- support Member States to use EU Funds in compliance with the UNCRPD and improving accessibility ensuring that EU funds do not support actions that contribute to segregation or exclusion.

The Commission calls on the Member States to:

- ensure partnership with regional, local authorities, representative organisations of persons with disabilities, civil society, fundamental rights bodies and other stakeholders in the design and implementation of EU funds;
- encourage the UNCRPD focal points to support the fulfilment of the relevant enabling conditions throughout the programming period.

8. Leading by example

The Commission aims to lead by example and calls on other EU institutions, bodies and agencies to do likewise.

8.1. Making selection, recruitment, employment and retention processes disability-inclusive

Diversity and inclusion enrich and strengthen organisations. In this spirit, the Commission will include as its internal Human Resources (HR) strategy actions to boost the recruitment, effective employment and career progression of staff with disabilities and to create inclusive work environments, resulting in commitment as an employer to foster diversity and equality while also ensuring that accessibility and reasonable accommodations are provided for. The recently created 'Diversity and Inclusion Office'

Source: European Commission, 2021



## UNION OF EQUALITY: STRATEGY FOR THE RIGHTS OF PERSONS WITH DISABILITIES 2021-2030



### Building a Union without barriers

3 March 2021  
#EUDisabilityRights

"Everyone has a right to a life without barriers. And it is our obligation, as a community, to ensure persons with disabilities can fully participate in society, on an equal basis with others."

Commission President Ursula von der Leyen



59.8% of persons with disabilities are in employment compared to 75% without disabilities.



28.4% of persons with disabilities are at risk of poverty or social exclusion compared to 17.8% of persons without disabilities.



Only 29.4% of persons with disabilities attain a tertiary degree compared to 45.8% of those without disabilities.



52% of persons with disabilities feel discriminated against.

**Full participation of people with disabilities: rights, autonomy and equality**

87 million persons in the EU have some form of disability. They all have the following rights:



**Enjoy EU rights**

- Be able to move to another EU country.
- Participate in political elections.



**Live independently and autonomously**

- Participate in the labour market.
- Learn new skills for new jobs.



**Participate and be protected from discrimination**

- Receive an education.
- Access justice and legal protection.

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## The European Union's Plan for Children's Rights





This leaflet talks about a new plan for children's rights.



The plan has been written by the **European Union**.

The European Union is 27 countries that work together.

The European Union is also known as the EU.



Children's rights are promises that adults have made so children can have a good life.

**Did you know?**



The biggest set of children's rights promises is called the United Nations Convention on the Rights of The Child.

**Here are some examples of children's rights**

- To be safe.
- To play.
- To learn.

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### Information conveyed by colour

- To convey information do not use only colour:
  - Instead of ● ●
  - Use ✗ ✓

Number and categories of new psychoactive substances reported to the EU Early Warning System for the first time, 2011–21

Continued on next page →

Number and categories of new psychoactive substances reported to the EU Early Warning System for the first time, 2011–21

Continued on next page →

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### Colour contrast

There has to be enough contrast between the background and the text both in the whole document and in the images.

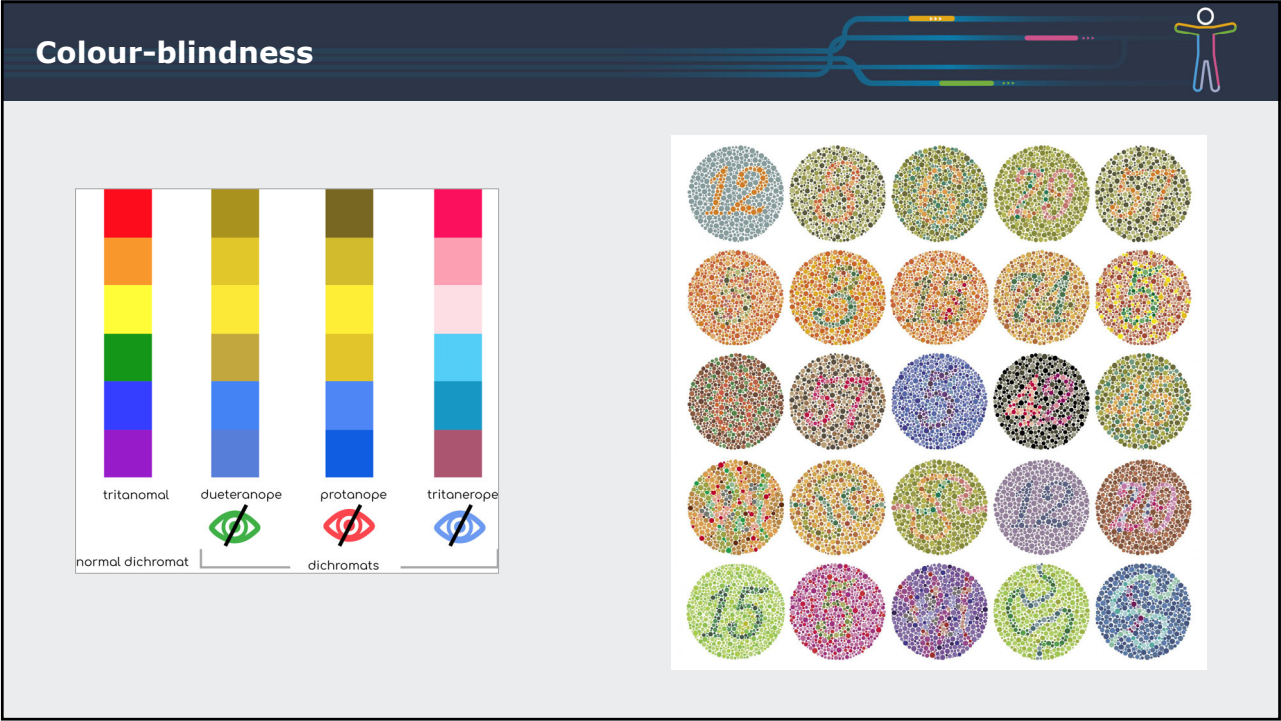
Good contrast	Good contrast	Good contrast
Bad contrast	Bad contrast	Bad contrast

✗ NOT OK

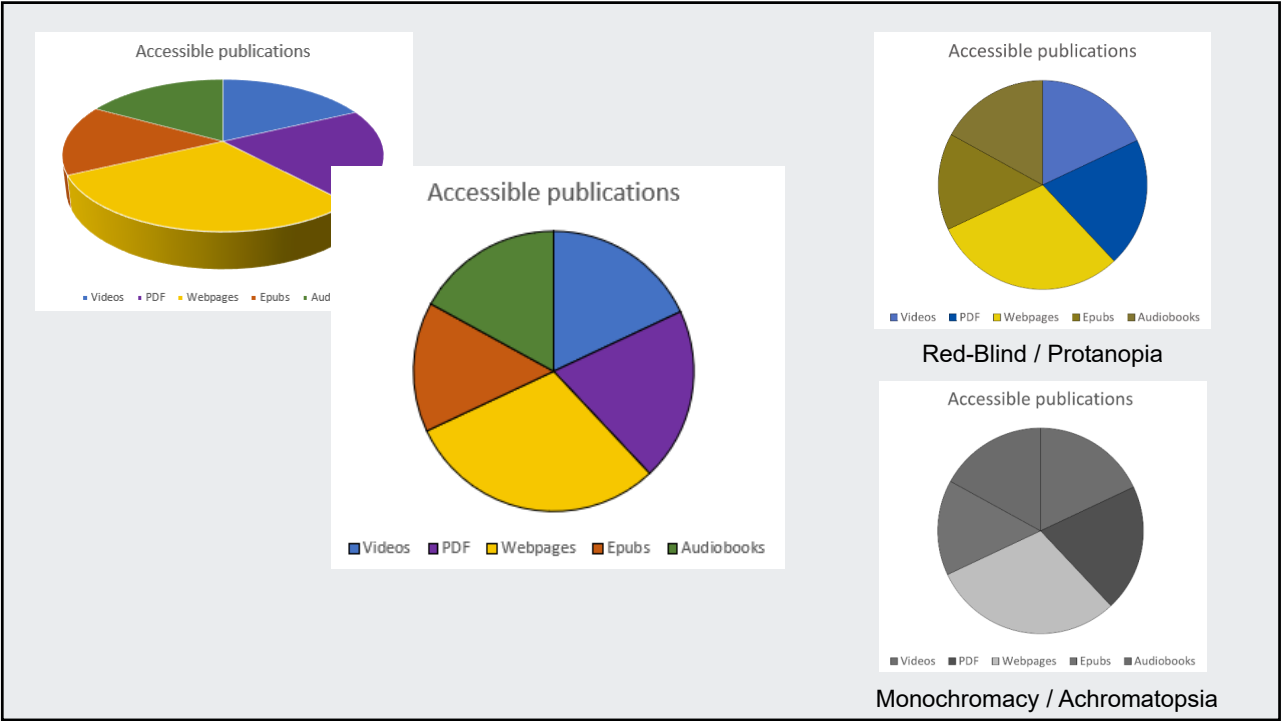
✓ OK

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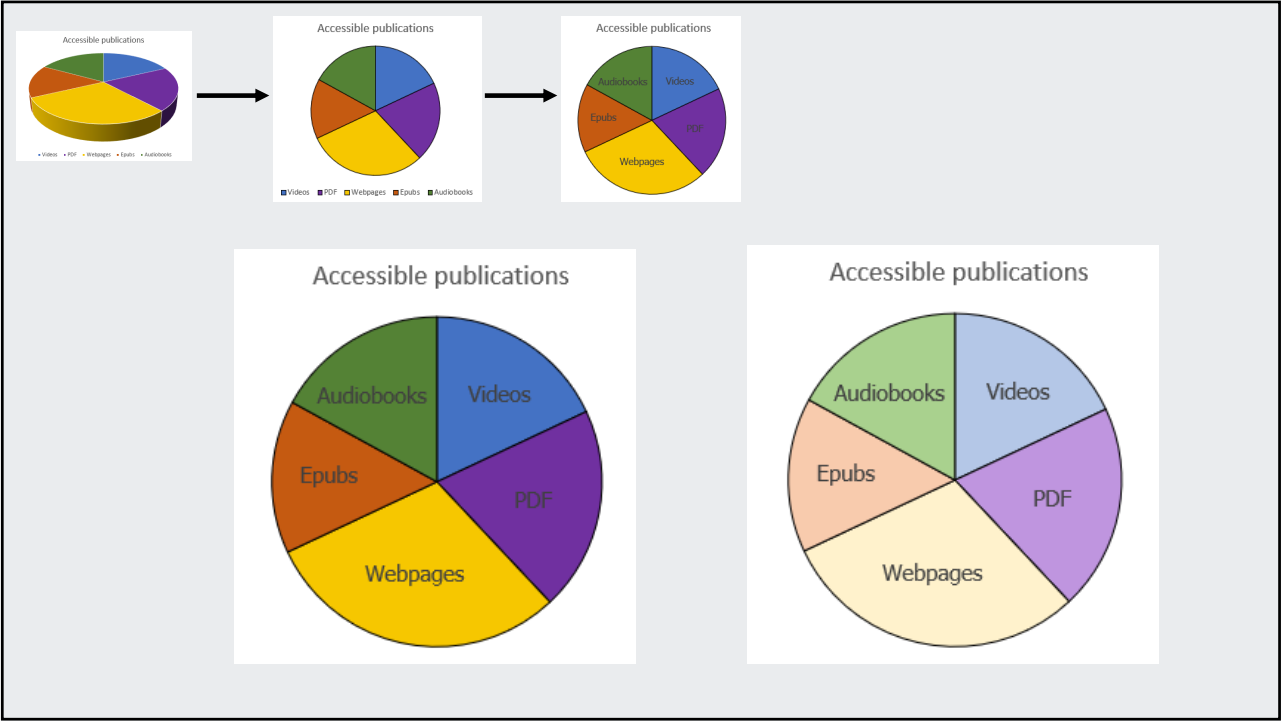




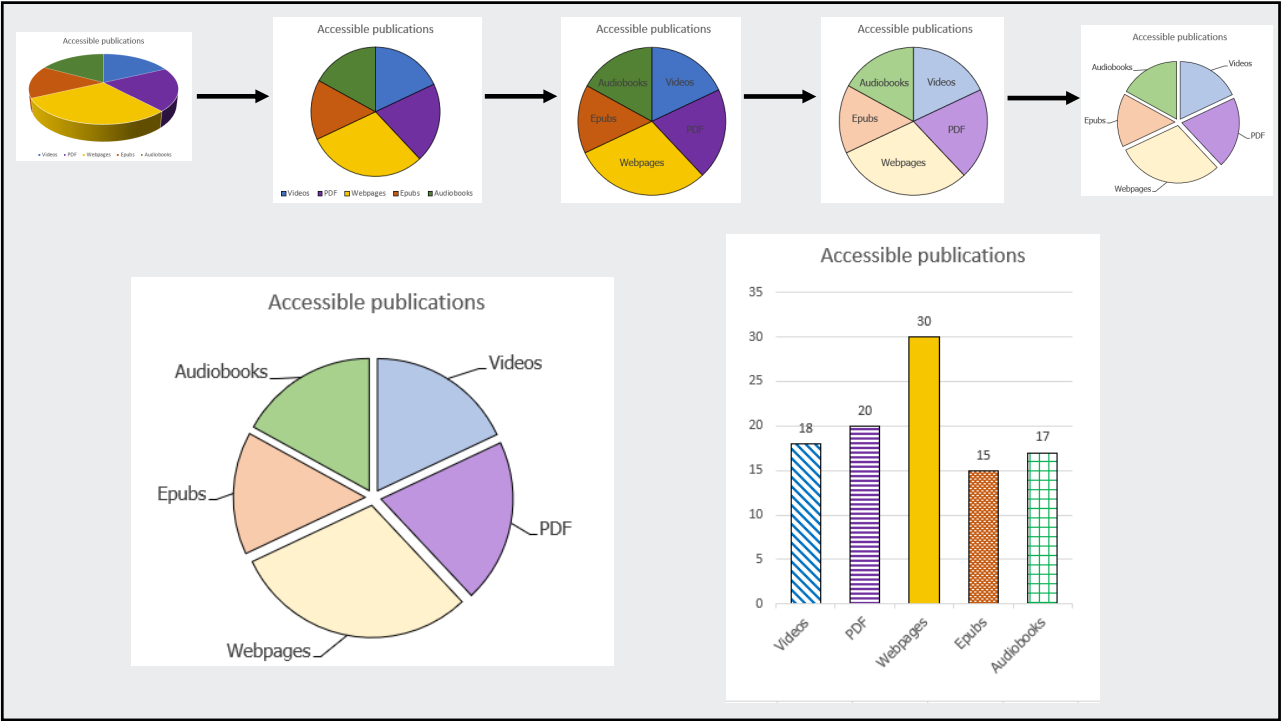
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Images and charts

Alternative text

- Provide alternative text to describe meaningful images and charts.
- Do not duplicate the text in the caption.

Artifacts

- Indicate which images are decorative and must be excluded from the reading order.

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Alternative texts

- Meaningful images contain a caption for the people who can see. Therefore, the alt text have to include other type of complementary information depending on the context.
  - For simple images, describe the image, focusing on what is important in the current context.
  - For complex images, such as graphs, maps or math formulas, a more extensive description is needed.

Accessible publications

Video	PDF	Webpages	Explan	Audiovisual
18	20	30	15	17

$$\Delta \ln MFP_t \equiv \Delta \ln V_t - \bar{v}_{K,t} \Delta \ln K_t - \bar{v}_{L,t} \Delta \ln H_t$$

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