

# ISO 24505-2:2025-10 (E)

## Ergonomics - Accessible design - Part 2: Colour combinations for people with colour deficiency and low vision

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	<b>Scope .....</b>	<b>1</b>
2	<b>Normative references .....</b>	<b>1</b>
3	<b>Terms and definitions .....</b>	<b>1</b>
4	<b>General .....</b>	<b>3</b>
4.1	<b>Application criteria for colour deficiency and low vision .....</b>	<b>3</b>
4.2	<b>Viewing modes and conditions .....</b>	<b>3</b>
5	<b>Colour combinations for people with protanopia and deuteranopia .....</b>	<b>3</b>
5.1	<b>General .....</b>	<b>3</b>
5.2	<b>Protanopia .....</b>	<b>3</b>
5.2.1	<b>Two-colour combinations and their conspicuity for people with protanopia .....</b>	<b>3</b>
5.2.2	<b>Spans of fundamental colours of protanopia (Span 1) .....</b>	<b>4</b>
5.3	<b>Deuteranopia .....</b>	<b>6</b>
5.3.1	<b>Two-colour combinations and their conspicuity for people with deuteranopia .....</b>	<b>6</b>
5.3.2	<b>Spans of fundamental colours for deuteranopia (Span 1) .....</b>	<b>7</b>
6	<b>Colour combinations for people with low vision .....</b>	<b>9</b>
6.1	<b>General .....</b>	<b>9</b>
6.2	<b>Two-colour combinations and their conspicuity for people with low vision .....</b>	<b>9</b>
6.3	<b>Spans of fundamental colours for people with low vision (Span 1) .....</b>	<b>10</b>
7	<b>Procedures to create a colour combination for people with colour deficiency and low vision .....</b>	<b>12</b>
<b>Annex A (informative) Description and classification of colour deficiency, and sources of data for the fundamental colour spans adopted in this document .....</b>		<b>13</b>
<b>Annex B (informative) Description of low vision and the sources of data for fundamental colour spans adopted in this document .....</b>		<b>15</b>
<b>Annex C (informative) Textual descriptions of figures and tables for accessibility .....</b>		<b>18</b>
<b>Bibliography .....</b>		<b>27</b>