

ISO 24505:2016-04 (E)

Ergonomics - Accessible design - Method for creating colour combinations taking account of age-related changes in human colour vision

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Factors affecting conspicuity of colour combinations	2
4.1	General	2
4.2	Luminance level	2
4.3	Ageing effect	2
4.4	Viewing mode and condition	3
5	Colour combinations using fundamental colours and their conspicuity	3
5.1	Fundamental colours and their combinations	3
5.2	Classification of the conspicuity of colour combinations	4
5.3	Tables of two-colour combinations of fundamental colours and their conspicuity	5
5.4	Span 1 of fundamental colours	7
6	Procedures to create a colour combination	8
Annex A (normative) Spans of fundamental colours (Span 2)		14
Annex B (informative) Colouring example: A train network		22
Annex C (informative) Guidance for transformation of Munsell colour system to CIE XYZ system and to sRGB system in monitor displays		24
Bibliography		25