

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

Hex(4F4A4F) Hex(665E66) Hex(4A4F4D) Hex(262226) Hex(660066) Hex(E600E6)

	Hex(4F4A4F)	Hex(665E66)	Hex(4A4F4D)	Hex(262226)	Hex(660066)	Hex(E600E6)
Hex(4F4A4F)		Ratio: 1.38 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(665E66)	Ratio: 1.38 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(4A4F4D)	Ratio: 1.04 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.88 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 2.19 Failed ⁵
Hex(262226)	Ratio: 1.81 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 1.88 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 4.11 AA 18pt ²
Hex(660066)	Ratio: 1.38 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 3.13 AA 18pt ²
Hex(E600E6)	Ratio: 2.27 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 4.11 AA 18pt ²	Ratio: 3.13 AA 18pt ²	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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