

Converting Colors - WCAG Matrix

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

Hex(665C63) Hex(857380) Hex(66645C) Hex(332E32) Hex(730052) Hex(F200AD)

	Hex(665C63)	Hex(857380)	Hex(66645C)	Hex(332E32)	Hex(730052)	Hex(F200AD)
Hex(665C63)		Ratio: 1.45 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(857380)	Ratio: 1.45 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 2.57 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(66645C)	Ratio: 1.08 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 2.25 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(332E32)	Ratio: 2.08 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 2.25 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 3.41 AA 18pt ²
Hex(730052)	Ratio: 1.77 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 2.91 Failed ⁵
Hex(F200AD)	Ratio: 1.64 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 2.91 Failed ⁵	

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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