

Converting Colors - WCAG Matrix

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

Hex(684264) Hex(874D81) Hex(685942) Hex(332E32) Hex(730066) Hex(F200D8)

	Hex(684264)	Hex(874D81)	Hex(685942)	Hex(332E32)	Hex(730066)	Hex(F200D8)
Hex(684264)		Ratio: 1.34 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 2.26 Failed ⁵
Hex(874D81)	Ratio: 1.34 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(685942)	Ratio: 1.21 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.96 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(332E32)	Ratio: 1.62 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.96 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 3.66 AA 18pt ²
Hex(730066)	Ratio: 1.33 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 3.00 AA 18pt ²
Hex(F200D8)	Ratio: 2.26 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 3.00 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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