

Converting Colors - WCAG Matrix

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

Hex(655057) Hex(82626C) Hex(506554) Hex(332E30) Hex(730026) Hex(F20051)

	Hex(655057)	Hex(82626C)	Hex(506554)	Hex(332E30)	Hex(730026)	Hex(F20051)
Hex(655057)		Ratio: 1.38 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(82626C)	Ratio: 1.38 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(506554)	Ratio: 1.17 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 2.12 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(332E30)	Ratio: 1.80 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 3.11 AA 18pt ²
Hex(730026)	Ratio: 1.62 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(F20051)	Ratio: 1.72 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 2.79 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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