

Converting Colors - WCAG Matrix

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

Hex(7C294F) Hex(A1818F) Hex(55297C) Hex(523E47) Hex(D1D1D1) Hex(525252)

	Hex(7C294F)	Hex(A1818F)	Hex(55297C)	Hex(523E47)	Hex(D1D1D1)	Hex(525252)
Hex(7C294F)		Ratio: 2.65 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 6.01 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵
Hex(A1818F)	Ratio: 2.65 Failed ⁵		Ratio: 3.03 AA 18pt ²	Ratio: 2.83 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.25 Failed ⁵
Hex(55297C)	Ratio: 1.15 Failed ⁵	Ratio: 3.03 AA 18pt ²		Ratio: 1.07 Failed ⁵	Ratio: 6.90 AA ¹ AAA 18pt ⁴	Ratio: 1.35 Failed ⁵
Hex(523E47)	Ratio: 1.07 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 6.43 AA ¹ AAA 18pt ⁴	Ratio: 1.26 Failed ⁵
Hex(D1D1D1)	Ratio: 6.01 AA ¹ AAA 18pt ⁴	Ratio: 2.27 Failed ⁵	Ratio: 6.90 AA ¹ AAA 18pt ⁴	Ratio: 6.43 AA ¹ AAA 18pt ⁴		Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(525252)	Ratio: 1.18 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 5.12 AA ¹ AAA 18pt ⁴	

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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