

Converting Colors - WCAG Matrix

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

Hex(57417D) Hex(958CA3) Hex(41677D) Hex(494452) Hex(D1D1D1) Hex(525252)

	Hex(57417D)	Hex(958CA3)	Hex(41677D)	Hex(494452)	Hex(D1D1D1)	Hex(525252)
Hex(57417D)		Ratio: 2.67 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 5.60 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(958CA3)	Ratio: 2.67 Failed ⁵		Ratio: 1.89 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(41677D)	Ratio: 1.41 Failed ⁵	Ratio: 1.89 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 1.29 Failed ⁵
Hex(494452)	Ratio: 1.10 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 1.55 Failed ⁵		Ratio: 6.16 AA ¹ AAA 18pt ⁴	Ratio: 1.20 Failed ⁵
Hex(D1D1D1)	Ratio: 5.60 AA ¹ AAA 18pt ⁴	Ratio: 2.10 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 6.16 AA ¹ AAA 18pt ⁴		Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(525252)	Ratio: 1.09 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.20 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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