

Converting Colors - WCAG Matrix

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

Hex(627E00) Hex(98A372) Hex(7E1B00) Hex(4B5234) Hex(D1D1D1) Hex(525252)

	Hex(627E00)	Hex(98A372)	Hex(7E1B00)	Hex(4B5234)	Hex(D1D1D1)	Hex(525252)
Hex(627E00)		Ratio: 1.74 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 1.68 Failed ⁵
Hex(98A372)	Ratio: 1.74 Failed ⁵		Ratio: 3.82 AA 18pt ²	Ratio: 3.06 AA 18pt ²	Ratio: 1.76 Failed ⁵	Ratio: 2.91 Failed ⁵
Hex(7E1B00)	Ratio: 2.20 Failed ⁵	Ratio: 3.82 AA 18pt ²		Ratio: 1.25 Failed ⁵	Ratio: 6.73 AA ¹ AAA 18pt ⁴	Ratio: 1.32 Failed ⁵
Hex(4B5234)	Ratio: 1.76 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 1.25 Failed ⁵		Ratio: 5.38 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(D1D1D1)	Ratio: 3.05 AA 18pt ²	Ratio: 1.76 Failed ⁵	Ratio: 6.73 AA ¹ AAA 18pt ⁴	Ratio: 5.38 AA ¹ AAA 18pt ⁴		Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(525252)	Ratio: 1.68 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.05 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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