

Converting Colors - WCAG Matrix

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

Hex(5D8686) Hex(9EADAD) Hex(5D865D) Hex(4D5757) Hex(D6D6D6) Hex(575757)

	Hex(5D8686)	Hex(9EADAD)	Hex(5D865D)	Hex(4D5757)	Hex(D6D6D6)	Hex(575757)
Hex(5D8686)		Ratio: 1.73 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(9EADAD)	Ratio: 1.73 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 1.60 Failed ⁵	Ratio: 3.11 AA 18pt ²
Hex(5D865D)	Ratio: 1.04 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(4D5757)	Ratio: 1.85 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 1.79 Failed ⁵		Ratio: 5.13 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(D6D6D6)	Ratio: 2.77 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 5.13 AA ¹ AAA 18pt ⁴		Ratio: 4.97 AA ¹ AAA 18pt ⁴
Hex(575757)	Ratio: 1.80 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 1.73 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 4.97 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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