

Converting Colors - WCAG Matrix

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

Hex(556584) Hex(989EAB) Hex(558474) Hex(4B4F57) Hex(D6D6D6) Hex(575757)

	Hex(556584)	Hex(989EAB)	Hex(558474)	Hex(4B4F57)	Hex(D6D6D6)	Hex(575757)
Hex(556584)		Ratio: 2.18 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 4.03 AA 18pt ²	Ratio: 1.23 Failed ⁵
Hex(989EAB)	Ratio: 2.18 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 1.85 Failed ⁵	Ratio: 2.69 Failed ⁵
Hex(558474)	Ratio: 1.38 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 1.93 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(4B4F57)	Ratio: 1.40 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 1.93 Failed ⁵		Ratio: 5.65 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵
Hex(D6D6D6)	Ratio: 4.03 AA 18pt ²	Ratio: 1.85 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 5.65 AA ¹ AAA 18pt ⁴		Ratio: 4.97 AA ¹ AAA 18pt ⁴
Hex(575757)	Ratio: 1.23 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.14 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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