

Converting Colors - WCAG Matrix

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

Hex(707C89) Hex(AAAEB3) Hex(70897D) Hex(545659) Hex(D9D9D9) Hex(595959)

	Hex(707C89)	Hex(AAAEB3)	Hex(70897D)	Hex(545659)	Hex(D9D9D9)	Hex(595959)
Hex(707C89)		Ratio: 1.91 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 1.65 Failed ⁵
Hex(AAAEB3)	Ratio: 1.91 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 1.58 Failed ⁵	Ratio: 3.14 AA 18pt ²
Hex(70897D)	Ratio: 1.13 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 1.95 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(545659)	Ratio: 1.73 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 1.95 Failed ⁵		Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(D9D9D9)	Ratio: 3.02 AA 18pt ²	Ratio: 1.58 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 5.22 AA ¹ AAA 18pt ⁴		Ratio: 4.96 AA ¹ AAA 18pt ⁴
Hex(595959)	Ratio: 1.65 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 1.86 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 4.96 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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