

Converting Colors - WCAG Matrix

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

Hex(286764) Hex(6D8583) Hex(2C6728) Hex(344242) Hex(C2C2C2) Hex(424242)

Hex(286764)		Ratio: 1.66 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 1.54 Failed ⁵
Hex(6D8583)	Ratio: 1.66 Failed ⁵		Ratio: 1.73 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.55 Failed ⁵
Hex(2C6728)	Ratio: 1.04 Failed ⁵	Ratio: 1.73 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 1.47 Failed ⁵
Hex(344242)	Ratio: 1.60 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 5.88 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(C2C2C2)	Ratio: 3.67 AA 18pt ²	Ratio: 2.21 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 5.88 AA ¹ AAA 18pt ⁴		Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(424242)	Ratio: 1.54 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 5.64 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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