

Converting Colors - WCAG Matrix

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

Hex(6AA382) Hex(BED4C7) Hex(8BA36A) Hex(5E6B64) Hex(EBEBEB) Hex(6B6B6B)

	Hex(6AA382)	Hex(BED4C7)	Hex(8BA36A)	Hex(5E6B64)	Hex(EBEBEB)	Hex(6B6B6B)
Hex(6AA382)		Ratio: 1.87 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(BED4C7)	Ratio: 1.87 Failed ⁵		Ratio: 1.78 Failed ⁵	Ratio: 3.57 AA 18pt ²	Ratio: 1.31 Failed ⁵	Ratio: 3.41 AA 18pt ²
Hex(8BA36A)	Ratio: 1.05 Failed ⁵	Ratio: 1.78 Failed ⁵		Ratio: 2.00 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(5E6B64)	Ratio: 1.91 Failed ⁵	Ratio: 3.57 AA 18pt ²	Ratio: 2.00 Failed ⁵		Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(EBEBEB)	Ratio: 2.46 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 4.68 AA ¹ AAA 18pt ⁴		Ratio: 4.47 AA 18pt ²
Hex(6B6B6B)	Ratio: 1.82 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 1.91 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 4.47 AA 18pt ²	

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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