

Converting Colors - WCAG Matrix

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

Hex(A45252) Hex(D6B6B6) Hex(A452A4) Hex(6B5858) Hex(EBEBEB) Hex(6B6B6B)

	Hex(A45252)	Hex(D6B6B6)	Hex(A452A4)	Hex(6B5858)	Hex(EBEBEB)	Hex(6B6B6B)
Hex(A45252)		Ratio: 2.87 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 4.51 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(D6B6B6)	Ratio: 2.87 Failed ⁵		Ratio: 2.60 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 1.57 Failed ⁵	Ratio: 2.85 Failed ⁵
Hex(A452A4)	Ratio: 1.11 Failed ⁵	Ratio: 2.60 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 4.08 AA 18pt ²	Ratio: 1.10 Failed ⁵
Hex(6B5858)	Ratio: 1.24 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 1.37 Failed ⁵		Ratio: 5.57 AA ¹ AAA 18pt ⁴	Ratio: 1.25 Failed ⁵
Hex(EBEBEB)	Ratio: 4.51 AA ¹ AAA 18pt ⁴	Ratio: 1.57 Failed ⁵	Ratio: 4.08 AA 18pt ²	Ratio: 5.57 AA ¹ AAA 18pt ⁴		Ratio: 4.47 AA 18pt ²
Hex(6B6B6B)	Ratio: 1.01 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.25 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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