

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(E59362) Hex(FFE4D4) Hex(E562B5) Hex(807066) Hex(000000) Hex(808080)

Hex(E59362)		Ratio: 1.99 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 8.68 Passed ⁶	Ratio: 1.63 Failed ⁵
Hex(FFE4D4)	Ratio: 1.99 Failed ⁵		Ratio: 2.56 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 17.30 Passed ⁶	Ratio: 3.25 AA 18pt ²
Hex(E562B5)	Ratio: 1.29 Failed ⁵	Ratio: 2.56 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 6.75 AA ¹ AAA 18pt ⁴	Ratio: 1.27 Failed ⁵
Hex(807066)	Ratio: 1.96 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 1.52 Failed ⁵		Ratio: 4.43 AA 18pt ²	Ratio: 1.20 Failed ⁵
Hex(000000)	Ratio: 8.68 Passed ⁶	Ratio: 17.30 Passed ⁶	Ratio: 6.75 AA ¹ AAA 18pt ⁴	Ratio: 4.43 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.63 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 1.27 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 5.32 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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