

Converting Colors - WCAG Matrix

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

Hex(EC6556) Hex(FFD3CF) Hex(EC56DD) Hex(806562) Hex(000000) Hex(808080)

	Hex(EC6556)	Hex(FFD3CF)	Hex(EC56DD)	Hex(806562)	Hex(000000)	Hex(808080)
Hex(EC6556)		Ratio: 2.36 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 6.56 AA ¹ AAA 18pt ⁴	Ratio: 1.23 Failed ⁵
Hex(FFD3CF)	Ratio: 2.36 Failed ⁵		Ratio: 2.23 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 15.47 Passed ⁶	Ratio: 2.91 Failed ⁵
Hex(EC56DD)	Ratio: 1.06 Failed ⁵	Ratio: 2.23 Failed ⁵		Ratio: 1.75 Failed ⁵	Ratio: 6.94 AA ¹ AAA 18pt ⁴	Ratio: 1.31 Failed ⁵
Hex(806562)	Ratio: 1.66 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 1.75 Failed ⁵		Ratio: 3.96 AA 18pt ²	Ratio: 1.34 Failed ⁵
Hex(000000)	Ratio: 6.56 AA ¹ AAA 18pt ⁴	Ratio: 15.47 Passed ⁶	Ratio: 6.94 AA ¹ AAA 18pt ⁴	Ratio: 3.96 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.23 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.34 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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