

Converting Colors - WCAG Matrix

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

Hex(F09191) Hex(FFE0E0) Hex(F091F0) Hex(806E6E) Hex(000000) Hex(808080)

	Hex(F09191)	Hex(FFE0E0)	Hex(F091F0)	Hex(806E6E)	Hex(000000)	Hex(808080)
Hex(F09191)		Ratio: 1.85 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 9.16 Passed ⁶	Ratio: 1.72 Failed ⁵
Hex(FFE0E0)	Ratio: 1.85 Failed ⁵		Ratio: 1.70 Failed ⁵	Ratio: 3.88 AA 18pt ²	Ratio: 16.99 Passed ⁶	Ratio: 3.20 AA 18pt ²
Hex(F091F0)	Ratio: 1.09 Failed ⁵	Ratio: 1.70 Failed ⁵		Ratio: 2.29 Failed ⁵	Ratio: 10.01 Passed ⁶	Ratio: 1.88 Failed ⁵
Hex(806E6E)	Ratio: 2.10 Failed ⁵	Ratio: 3.88 AA 18pt ²	Ratio: 2.29 Failed ⁵		Ratio: 4.37 AA 18pt ²	Ratio: 1.22 Failed ⁵
Hex(000000)	Ratio: 9.16 Passed ⁶	Ratio: 16.99 Passed ⁶	Ratio: 10.01 Passed ⁶	Ratio: 4.37 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.72 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 1.88 Failed ⁵	Ratio: 1.22 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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