

Converting Colors - WCAG Matrix

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

Hex(F2C039) Hex(FFEFC4) Hex(F2396D) Hex(80765C) Hex(000000) Hex(808080)

	Hex(F2C039)	Hex(FFEFC4)	Hex(F2396D)	Hex(80765C)	Hex(000000)	Hex(808080)
Hex(F2C039)		Ratio: 1.49 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 12.37 Passed ⁶	Ratio: 2.33 Failed ⁵
Hex(FFEFC4)	Ratio: 1.49 Failed ⁵		Ratio: 3.30 AA 18pt ²	Ratio: 3.94 AA 18pt ²	Ratio: 18.40 Passed ⁶	Ratio: 3.46 AA 18pt ²
Hex(F2396D)	Ratio: 2.22 Failed ⁵	Ratio: 3.30 AA 18pt ²		Ratio: 1.20 Failed ⁵	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(80765C)	Ratio: 2.65 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 1.20 Failed ⁵		Ratio: 4.66 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵
Hex(000000)	Ratio: 12.37 Passed ⁶	Ratio: 18.40 Passed ⁶	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 4.66 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.33 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 1.05 Failed ⁵	Ratio: 1.14 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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