

Converting Colors - WCAG Matrix

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

Hex(F2673D) Hex(FFD4C7) Hex(F23DCB) Hex(80665E) Hex(000000) Hex(808080)

	Hex(F2673D)	Hex(FFD4C7)	Hex(F23DCB)	Hex(80665E)	Hex(000000)	Hex(808080)
Hex(F2673D)		Ratio: 2.28 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 6.78 AA ¹ AAA 18pt ⁴	Ratio: 1.28 Failed ⁵
Hex(FFD4C7)	Ratio: 2.28 Failed ⁵		Ratio: 2.46 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 15.49 Passed ⁶	Ratio: 2.91 Failed ⁵
Hex(F23DCB)	Ratio: 1.08 Failed ⁵	Ratio: 2.46 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 6.31 AA ¹ AAA 18pt ⁴	Ratio: 1.19 Failed ⁵
Hex(80665E)	Ratio: 1.70 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 1.58 Failed ⁵		Ratio: 3.98 AA 18pt ²	Ratio: 1.34 Failed ⁵
Hex(000000)	Ratio: 6.78 AA ¹ AAA 18pt ⁴	Ratio: 15.49 Passed ⁶	Ratio: 6.31 AA ¹ AAA 18pt ⁴	Ratio: 3.98 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.28 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 1.19 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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