

Converting Colors - WCAG Matrix

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

Hex(D8585E) Hex(FFD1D3) Hex(D258D8) Hex(806365) Hex(000000) Hex(808080)

	Hex(D8585E)	Hex(FFD1D3)	Hex(D258D8)	Hex(806365)	Hex(000000)	Hex(808080)
Hex(D8585E)		Ratio: 2.80 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 5.48 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(FFD1D3)	Ratio: 2.80 Failed ⁵		Ratio: 2.50 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 15.31 Passed ⁶	Ratio: 2.88 Failed ⁵
Hex(D258D8)	Ratio: 1.12 Failed ⁵	Ratio: 2.50 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 6.13 AA ¹ AAA 18pt ⁴	Ratio: 1.15 Failed ⁵
Hex(806365)	Ratio: 1.41 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 1.58 Failed ⁵		Ratio: 3.89 AA 18pt ²	Ratio: 1.37 Failed ⁵
Hex(000000)	Ratio: 5.48 AA ¹ AAA 18pt ⁴	Ratio: 15.31 Passed ⁶	Ratio: 6.13 AA ¹ AAA 18pt ⁴	Ratio: 3.89 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.03 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.37 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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