

Converting Colors - WCAG Matrix

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

Hex(DF7580) Hex(FFDBDF) Hex(D375DF) Hex(806A6C) Hex(000000) Hex(808080)

	Hex(DF7580)	Hex(FFDBDF)	Hex(D375DF)	Hex(806A6C)	Hex(000000)	Hex(808080)
Hex(DF7580)		Ratio: 2.35 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 6.99 AA ¹ AAA 18pt ⁴	Ratio: 1.32 Failed ⁵
Hex(FFDBDF)	Ratio: 2.35 Failed ⁵		Ratio: 2.23 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 16.45 Passed ⁶	Ratio: 3.09 AA 18pt ²
Hex(D375DF)	Ratio: 1.06 Failed ⁵	Ratio: 2.23 Failed ⁵		Ratio: 1.76 Failed ⁵	Ratio: 7.38 Passed ⁶	Ratio: 1.39 Failed ⁵
Hex(806A6C)	Ratio: 1.67 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 1.76 Failed ⁵		Ratio: 4.20 AA 18pt ²	Ratio: 1.27 Failed ⁵
Hex(000000)	Ratio: 6.99 AA ¹ AAA 18pt ⁴	Ratio: 16.45 Passed ⁶	Ratio: 7.38 Passed ⁶	Ratio: 4.20 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.32 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 1.39 Failed ⁵	Ratio: 1.27 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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