

Converting Colors - WCAG Matrix

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

Hex(D89787) Hex(FFE8E3) Hex(D887C9) Hex(80726F) Hex(000000) Hex(808080)

	Hex(D89787)	Hex(FFE8E3)	Hex(D887C9)	Hex(80726F)	Hex(000000)	Hex(808080)
Hex(D89787)		Ratio: 2.06 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 8.70 Passed ⁶	Ratio: 1.64 Failed ⁵
Hex(FFE8E3)	Ratio: 2.06 Failed ⁵		Ratio: 2.18 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 17.90 Passed ⁶	Ratio: 3.37 AA 18pt ²
Hex(D887C9)	Ratio: 1.06 Failed ⁵	Ratio: 2.18 Failed ⁵		Ratio: 1.81 Failed ⁵	Ratio: 8.23 Passed ⁶	Ratio: 1.55 Failed ⁵
Hex(80726F)	Ratio: 1.91 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 1.81 Failed ⁵		Ratio: 4.55 AA ¹ AAA 18pt ⁴	Ratio: 1.17 Failed ⁵
Hex(000000)	Ratio: 8.70 Passed ⁶	Ratio: 17.90 Passed ⁶	Ratio: 8.23 Passed ⁶	Ratio: 4.55 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.64 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 1.55 Failed ⁵	Ratio: 1.17 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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