

Converting Colors - WCAG Matrix

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

Hex(FFD49E) Hex(FFF2E3) Hex(FF9EC9) Hex(807870) Hex(000000) Hex(808080)

	Hex(FFD49E)	Hex(FFF2E3)	Hex(FF9EC9)	Hex(807870)	Hex(000000)	Hex(808080)
Hex(FFD49E)		Ratio: 1.26 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 15.16 Passed ⁶	Ratio: 2.85 Failed ⁵
Hex(FFF2E3)	Ratio: 1.26 Failed ⁵		Ratio: 1.74 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 19.06 Passed ⁶	Ratio: 3.58 AA 18pt ²
Hex(FF9EC9)	Ratio: 1.38 Failed ⁵	Ratio: 1.74 Failed ⁵		Ratio: 2.27 Failed ⁵	Ratio: 10.99 Passed ⁶	Ratio: 2.07 Failed ⁵
Hex(807870)	Ratio: 3.13 AA 18pt ²	Ratio: 3.94 AA 18pt ²	Ratio: 2.27 Failed ⁵		Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(000000)	Ratio: 15.16 Passed ⁶	Ratio: 19.06 Passed ⁶	Ratio: 10.99 Passed ⁶	Ratio: 4.84 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.85 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 2.07 Failed ⁵	Ratio: 1.10 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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