

Converting Colors - WCAG Matrix

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

Hex(D69696) Hex(FFE8E8) Hex(D696D6) Hex(807171) Hex(000000) Hex(808080)

	Hex(D69696)	Hex(FFE8E8)	Hex(D696D6)	Hex(807171)	Hex(000000)	Hex(808080)
Hex(D69696)		Ratio: 2.07 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 8.66 Passed ⁶	Ratio: 1.63 Failed ⁵
Hex(FFE8E8)	Ratio: 2.07 Failed ⁵		Ratio: 1.95 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 17.96 Passed ⁶	Ratio: 3.38 AA 18pt ²
Hex(D696D6)	Ratio: 1.06 Failed ⁵	Ratio: 1.95 Failed ⁵		Ratio: 2.03 Failed ⁵	Ratio: 9.19 Passed ⁶	Ratio: 1.73 Failed ⁵
Hex(807171)	Ratio: 1.92 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 2.03 Failed ⁵		Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵
Hex(000000)	Ratio: 8.66 Passed ⁶	Ratio: 17.96 Passed ⁶	Ratio: 9.19 Passed ⁶	Ratio: 4.52 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.63 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 1.73 Failed ⁵	Ratio: 1.18 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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