

Converting Colors - WCAG Matrix

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

Hex(808075) Hex(FFFFFF) Hex(B4B4A9) Hex(D0D0C5) Hex(ECECE1) Hex(FFFFFFD)

	Hex(808075)	Hex(FFFFFF)	Hex(B4B4A9)	Hex(D0D0C5)	Hex(ECECE1)	Hex(FFFFFFD)
Hex(808075)		Ratio: 3.99 AA 18pt ²	Ratio: 1.91 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 3.99 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.99 AA 18pt ²		Ratio: 2.09 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(B4B4A9)	Ratio: 1.91 Failed ⁵	Ratio: 2.09 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(D0D0C5)	Ratio: 2.57 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(ECECE1)	Ratio: 3.35 AA 18pt ²	Ratio: 1.19 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.19 Failed ⁵
Hex(FFFFFFD)	Ratio: 3.99 AA 18pt ²	Ratio: 1.00 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.19 Failed ⁵	

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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