

Converting Colors - WCAG Matrix

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

Hex(6F6D6D) Hex(FFFFFF) Hex(A2A0A0) Hex(BDBBBB) Hex(D9D7D7) Hex(F6F4F3)

	Hex(6F6D6D)	Hex(FFFFFF)	Hex(A2A0A0)	Hex(BDBBBB)	Hex(D9D7D7)	Hex(F6F4F3)
Hex(6F6D6D)		Ratio: 5.14 AA ¹ AAA 18pt ⁴	Ratio: 1.98 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 4.69 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.14 AA ¹ AAA 18pt ⁴		Ratio: 2.60 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(A2A0A0)	Ratio: 1.98 Failed ⁵	Ratio: 2.60 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.37 Failed ⁵
Hex(BDBBBB)	Ratio: 2.69 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(D9D7D7)	Ratio: 3.59 AA 18pt ²	Ratio: 1.43 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.31 Failed ⁵
Hex(F6F4F3)	Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.31 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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