

Converting Colors - WCAG Matrix

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

Hex(D4D4D4) Hex(FFFFFF) Hex(6B6B6B) Hex(9C00AB) Hex(28002B)

	Hex(D4D4D4)	Hex(FFFFFF)	Hex(6B6B6B)	Hex(9C00AB)	Hex(28002B)
Hex(D4D4D4)		Ratio: 1.48 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 12.59 Passed ⁶
Hex(FFFFFF)	Ratio: 1.48 Failed ⁵		Ratio: 5.33 AA ¹ AAA 18pt ⁴	Ratio: 7.00 Passed ⁶	Ratio: 18.66 Passed ⁶
Hex(6B6B6B)	Ratio: 3.60 AA 18pt ²	Ratio: 5.33 AA ¹ AAA 18pt ⁴		Ratio: 1.31 Failed ⁵	Ratio: 3.50 AA 18pt ²
Hex(9C00AB)	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 7.00 Passed ⁶	Ratio: 1.31 Failed ⁵		Ratio: 2.67 Failed ⁵
Hex(28002B)	Ratio: 12.59 Passed ⁶	Ratio: 18.66 Passed ⁶	Ratio: 3.50 AA 18pt ²	Ratio: 2.67 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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