

Converting Colors - WCAG Matrix

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

Hex(A2009D) Hex(D494D2) Hex(0300A2) Hex(6B456A) Hex(EBEBEB) Hex(6B6B6B)

	Hex(A2009D)	Hex(D494D2)	Hex(0300A2)	Hex(6B456A)	Hex(EBEBEB)	Hex(6B6B6B)
Hex(A2009D)		Ratio: 2.97 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 5.83 AA ¹ AAA 18pt ⁴	Ratio: 1.30 Failed ⁵
Hex(D494D2)	Ratio: 2.97 Failed ⁵		Ratio: 5.88 AA ¹ AAA 18pt ⁴	Ratio: 3.34 AA 18pt ²	Ratio: 1.96 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(0300A2)	Ratio: 1.98 Failed ⁵	Ratio: 5.88 AA ¹ AAA 18pt ⁴		Ratio: 1.76 Failed ⁵	Ratio: 11.55 Passed ⁶	Ratio: 2.58 Failed ⁵
Hex(6B456A)	Ratio: 1.13 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 1.76 Failed ⁵		Ratio: 6.56 AA ¹ AAA 18pt ⁴	Ratio: 1.47 Failed ⁵
Hex(EBEBEB)	Ratio: 5.83 AA ¹ AAA 18pt ⁴	Ratio: 1.96 Failed ⁵	Ratio: 11.55 Passed ⁶	Ratio: 6.56 AA ¹ AAA 18pt ⁴		Ratio: 4.47 AA 18pt ²
Hex(6B6B6B)	Ratio: 1.30 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 4.47 AA 18pt ²	

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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