

Converting Colors - WCAG Matrix

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

Hex(A3002C) Hex(D494A5) Hex(7500A3) Hex(6B454F) Hex(EBEBEB) Hex(6B6B6B)

	Hex(A3002C)	Hex(D494A5)	Hex(7500A3)	Hex(6B454F)	Hex(EBEBEB)	Hex(6B6B6B)
Hex(A3002C)		Ratio: 3.31 AA 18pt ²	Ratio: 1.13 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 6.79 AA ¹ AAA 18pt ⁴	Ratio: 1.52 Failed ⁵
Hex(D494A5)	Ratio: 3.31 AA 18pt ²		Ratio: 3.75 AA 18pt ²	Ratio: 3.31 AA 18pt ²	Ratio: 2.05 Failed ⁵	Ratio: 2.18 Failed ⁵
Hex(7500A3)	Ratio: 1.13 Failed ⁵	Ratio: 3.75 AA 18pt ²		Ratio: 1.13 Failed ⁵	Ratio: 7.71 Passed ⁶	Ratio: 1.72 Failed ⁵
Hex(6B454F)	Ratio: 1.00 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 1.13 Failed ⁵		Ratio: 6.80 AA ¹ AAA 18pt ⁴	Ratio: 1.52 Failed ⁵
Hex(EBEBEB)	Ratio: 6.79 AA ¹ AAA 18pt ⁴	Ratio: 2.05 Failed ⁵	Ratio: 7.71 Passed ⁶	Ratio: 6.80 AA ¹ AAA 18pt ⁴		Ratio: 4.47 AA 18pt ²
Hex(6B6B6B)	Ratio: 1.52 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.52 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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