

Converting Colors - WCAG Matrix

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

Hex(B3A2B3) Hex(E8E1E8) Hex(A3A2B3) Hex(757175) Hex(F5F5F5) Hex(757575)

	Hex(B3A2B3)	Hex(E8E1E8)	Hex(A3A2B3)	Hex(757175)	Hex(F5F5F5)	Hex(757575)
Hex(B3A2B3)		Ratio: 1.87 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(E8E1E8)	Ratio: 1.87 Failed ⁵		Ratio: 1.95 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 1.18 Failed ⁵	Ratio: 3.59 AA 18pt ²
Hex(A3A2B3)	Ratio: 1.04 Failed ⁵	Ratio: 1.95 Failed ⁵		Ratio: 1.91 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 1.84 Failed ⁵
Hex(757175)	Ratio: 2.00 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 1.91 Failed ⁵		Ratio: 4.40 AA 18pt ²	Ratio: 1.04 Failed ⁵
Hex(F5F5F5)	Ratio: 2.20 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 4.40 AA 18pt ²		Ratio: 4.23 AA 18pt ²
Hex(757575)	Ratio: 1.92 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 1.84 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 4.23 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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