

Converting Colors - WCAG Matrix

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

Hex(B44997) Hex(EBC0DF) Hex(6649B4) Hex(755B6E) Hex(F5F5F5) Hex(757575)

	Hex(B44997)	Hex(EBC0DF)	Hex(6649B4)	Hex(755B6E)	Hex(F5F5F5)	Hex(757575)
Hex(B44997)		Ratio: 3.03 AA 18pt ²	Ratio: 1.37 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 4.44 AA 18pt ²	Ratio: 1.05 Failed ⁵
Hex(EBC0DF)	Ratio: 3.03 AA 18pt ²		Ratio: 4.14 AA 18pt ²	Ratio: 3.78 AA 18pt ²	Ratio: 1.47 Failed ⁵	Ratio: 2.88 Failed ⁵
Hex(6649B4)	Ratio: 1.37 Failed ⁵	Ratio: 4.14 AA 18pt ²		Ratio: 1.09 Failed ⁵	Ratio: 6.06 AA ¹ AAA 18pt ⁴	Ratio: 1.43 Failed ⁵
Hex(755B6E)	Ratio: 1.25 Failed ⁵	Ratio: 3.78 AA 18pt ²	Ratio: 1.09 Failed ⁵		Ratio: 5.54 AA ¹ AAA 18pt ⁴	Ratio: 1.31 Failed ⁵
Hex(F5F5F5)	Ratio: 4.44 AA 18pt ²	Ratio: 1.47 Failed ⁵	Ratio: 6.06 AA ¹ AAA 18pt ⁴	Ratio: 5.54 AA ¹ AAA 18pt ⁴		Ratio: 4.23 AA 18pt ²
Hex(757575)	Ratio: 1.05 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.31 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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