

Converting Colors - WCAG Matrix

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

Hex(763BE3) Hex(DBC7FF) Hex(3BA8E3) Hex(6A5E7F) Hex(000000) Hex(808080)

	Hex(763BE3)	Hex(DBC7FF)	Hex(3BA8E3)	Hex(6A5E7F)	Hex(000000)	Hex(808080)
Hex(763BE3)		Ratio: 3.89 AA 18pt ²	Ratio: 2.25 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 1.52 Failed ⁵
Hex(DBC7FF)	Ratio: 3.89 AA 18pt ²		Ratio: 1.73 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 13.63 Passed ⁶	Ratio: 2.56 Failed ⁵
Hex(3BA8E3)	Ratio: 2.25 Failed ⁵	Ratio: 1.73 Failed ⁵		Ratio: 2.24 Failed ⁵	Ratio: 7.90 Passed ⁶	Ratio: 1.49 Failed ⁵
Hex(6A5E7F)	Ratio: 1.00 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 2.24 Failed ⁵		Ratio: 3.52 AA 18pt ²	Ratio: 1.51 Failed ⁵
Hex(000000)	Ratio: 3.51 AA 18pt ²	Ratio: 13.63 Passed ⁶	Ratio: 7.90 Passed ⁶	Ratio: 3.52 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.52 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴	

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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