

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(B363CF) Hex(F4D6FF) Hex(6380CF) Hex(796780) Hex(000000) Hex(808080)

Hex(B363CF)		Ratio: 2.84 Failed⁵	Ratio: 1.02 Failed⁵	Ratio: 1.38 Failed⁵	Ratio: 5.60 AA¹ AAA 18pt⁴	Ratio: 1.05 Failed⁵
Hex(F4D6FF)	Ratio: 2.84 Failed⁵		Ratio: 2.88 Failed⁵	Ratio: 3.91 AA 18pt²	Ratio: 15.91 Passed⁶	Ratio: 2.99 Failed⁵
Hex(6380CF)	Ratio: 1.02 Failed⁵	Ratio: 2.88 Failed⁵		Ratio: 1.36 Failed⁵	Ratio: 5.52 AA¹ AAA 18pt⁴	Ratio: 1.04 Failed⁵
Hex(796780)	Ratio: 1.38 Failed⁵	Ratio: 3.91 AA 18pt²	Ratio: 1.36 Failed⁵		Ratio: 4.06 AA 18pt²	Ratio: 1.31 Failed⁵
Hex(000000)	Ratio: 5.60 AA¹ AAA 18pt⁴	Ratio: 15.91 Passed⁶	Ratio: 5.52 AA¹ AAA 18pt⁴	Ratio: 4.06 AA 18pt²		Ratio: 5.32 AA¹ AAA 18pt⁴
Hex(808080)	Ratio: 1.05 Failed⁵	Ratio: 2.99 Failed⁵	Ratio: 1.04 Failed⁵	Ratio: 1.31 Failed⁵	Ratio: 5.32 AA¹ AAA 18pt⁴	

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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