

Converting Colors - WCAG Matrix

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

Hex(D994DE) Hex(FDE6FF) Hex(9499DE) Hex(7E7080) Hex(000000) Hex(808080)

	Hex(D994DE)	Hex(FDE6FF)	Hex(9499DE)	Hex(7E7080)	Hex(000000)	Hex(808080)
Hex(D994DE)		Ratio: 1.94 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 9.24 Passed ⁶	Ratio: 1.74 Failed ⁵
Hex(FDE6FF)	Ratio: 1.94 Failed ⁵		Ratio: 2.28 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 17.94 Passed ⁶	Ratio: 3.37 AA 18pt ²
Hex(9499DE)	Ratio: 1.17 Failed ⁵	Ratio: 2.28 Failed ⁵		Ratio: 1.74 Failed ⁵	Ratio: 7.87 Passed ⁶	Ratio: 1.48 Failed ⁵
Hex(7E7080)	Ratio: 2.05 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 1.74 Failed ⁵		Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵
Hex(000000)	Ratio: 9.24 Passed ⁶	Ratio: 17.94 Passed ⁶	Ratio: 7.87 Passed ⁶	Ratio: 4.52 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.74 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 1.48 Failed ⁵	Ratio: 1.18 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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