

Converting Colors - WCAG Matrix

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

Hex(9D0083) Hex(CC8FC2) Hex(18009D) Hex(664160) Hex(E6E6E6) Hex(666666)

	Hex(9D0083)	Hex(CC8FC2)	Hex(18009D)	Hex(664160)	Hex(E6E6E6)	Hex(666666)
Hex(9D0083)		Ratio: 3.00 AA 18pt ²	Ratio: 1.81 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 6.09 AA ¹ AAA 18pt ⁴	Ratio: 1.32 Failed ⁵
Hex(CC8FC2)	Ratio: 3.00 AA 18pt ²		Ratio: 5.42 AA ¹ AAA 18pt ⁴	Ratio: 3.32 AA 18pt ²	Ratio: 2.03 Failed ⁵	Ratio: 2.26 Failed ⁵
Hex(18009D)	Ratio: 1.81 Failed ⁵	Ratio: 5.42 AA ¹ AAA 18pt ⁴		Ratio: 1.63 Failed ⁵	Ratio: 11.03 Passed ⁶	Ratio: 2.40 Failed ⁵
Hex(664160)	Ratio: 1.11 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 1.63 Failed ⁵		Ratio: 6.76 AA ¹ AAA 18pt ⁴	Ratio: 1.47 Failed ⁵
Hex(E6E6E6)	Ratio: 6.09 AA ¹ AAA 18pt ⁴	Ratio: 2.03 Failed ⁵	Ratio: 11.03 Passed ⁶	Ratio: 6.76 AA ¹ AAA 18pt ⁴		Ratio: 4.60 AA ¹ AAA 18pt ⁴
Hex(666666)	Ratio: 1.32 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 4.60 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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