

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(900E4F) Hex(BA88A1) Hex(4D0E90) Hex(5E404F) Hex(DEDEDE) Hex(5E5E5E)

Hex(900E4F)		Ratio: 3.02 AA 18pt²	Ratio: 1.33 Failed⁵	Ratio: 1.02 Failed⁵	Ratio: 6.61 AA¹ AAA 18pt⁴	Ratio: 1.37 Failed⁵
Hex(BA88A1)	Ratio: 3.02 AA 18pt²		Ratio: 4.00 AA 18pt²	Ratio: 3.07 AA 18pt²	Ratio: 2.19 Failed⁵	Ratio: 2.20 Failed⁵
Hex(4D0E90)	Ratio: 1.33 Failed⁵	Ratio: 4.00 AA 18pt²		Ratio: 1.30 Failed⁵	Ratio: 8.76 Passed⁶	Ratio: 1.82 Failed⁵
Hex(5E404F)	Ratio: 1.02 Failed⁵	Ratio: 3.07 AA 18pt²	Ratio: 1.30 Failed⁵		Ratio: 6.72 AA¹ AAA 18pt⁴	Ratio: 1.39 Failed⁵
Hex(DEDEDE)	Ratio: 6.61 AA¹ AAA 18pt⁴	Ratio: 2.19 Failed⁵	Ratio: 8.76 Passed⁶	Ratio: 6.72 AA¹ AAA 18pt⁴		Ratio: 4.82 AA¹ AAA 18pt⁴
Hex(5E5E5E)	Ratio: 1.37 Failed⁵	Ratio: 2.20 Failed⁵	Ratio: 1.82 Failed⁵	Ratio: 1.39 Failed⁵	Ratio: 4.82 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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