

Converting Colors - WCAG Matrix

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

	Hex(9F0059)	Hex(9F1060)	Hex(9F2067)	Hex(9F306E)	Hex(9F4075)	Hex(9F507C)	Hex(9F6083)	Hex(9F708A)	Hex(9F8091)	Hex(9F9098)
Hex(9F0059)		Ratio: 1.04 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.64 Failed ⁵
Hex(9F1060)	Ratio: 1.04 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.55 Failed ⁵
Hex(9F2067)	Ratio: 1.10 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.40 Failed ⁵
Hex(9F306E)	Ratio: 1.19 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(9F4075)	Ratio: 1.32 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(9F507C)	Ratio: 1.49 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(9F6083)	Ratio: 1.71 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(9F708A)	Ratio: 1.97 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵
Hex(9F8091)	Ratio: 2.28 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.16 Failed ⁵
Hex(9F9098)	Ratio: 2.64 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.16 Failed ⁵	

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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