

Converting Colors - WCAG Matrix

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

	Hex(929091)	Hex(92818A)	Hex(927382)	Hex(92647B)	Hex(925674)	Hex(92476C)	Hex(923865)	Hex(922A5E)	Hex(921B57)	Hex(920D4F)
Hex(929091)		Ratio: 1.16 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 2.77 Failed ⁵
Hex(92818A)	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.39 Failed ⁵
Hex(927382)	Ratio: 1.32 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(92647B)	Ratio: 1.53 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(925674)	Ratio: 1.74 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(92476C)	Ratio: 1.98 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(923865)	Ratio: 2.22 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(922A5E)	Ratio: 2.44 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(921B57)	Ratio: 2.63 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(920D4F)	Ratio: 2.77 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.05 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.