

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.										
	Hex(947B92)	Hex(946C92)	Hex(945D91)	Hex(944E90)	Hex(94408F)	Hex(94318E)	Hex(94228D)	Hex(94138C)	Hex(94048B)	Hex(94008B)
Hex(947B92)		Ratio: 1.14 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(946C92)	Ratio: 1.14 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.83 Failed ⁵
Hex(945D91)	Ratio: 1.30 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.61 Failed ⁵
Hex(944E90)	Ratio: 1.47 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(94408F)	Ratio: 1.62 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(94318E)	Ratio: 1.78 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(94228D)	Ratio: 1.92 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(94138C)	Ratio: 2.02 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(94048B)	Ratio: 2.08 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(94008B)	Ratio: 2.09 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.01 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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