

Converting Colors - WCAG Matrix

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

	Hex(868485)	Hex(86777C)	Hex(866A72)	Hex(865C69)	Hex(864F60)	Hex(864156)	Hex(86344D)	Hex(862744)	Hex(86193B)	Hex(860C31)
Hex(868485)		Ratio: 1.14 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(86777C)	Ratio: 1.14 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.34 Failed ⁵
Hex(866A72)	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.05 Failed ⁵
Hex(865C69)	Ratio: 1.51 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(864F60)	Ratio: 1.71 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(864156)	Ratio: 1.95 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.38 Failed ⁵
Hex(86344D)	Ratio: 2.16 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(862744)	Ratio: 2.37 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(86193B)	Ratio: 2.55 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(860C31)	Ratio: 2.68 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.38 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.

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