

Converting Colors - WCAG Matrix

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

	Hex(853B00)	Hex(85420D)	Hex(854A1C)	Hex(855229)	Hex(855936)	Hex(856142)	Hex(85664F)	Hex(856E5C)	Hex(85756B)	Hex(857D78)
Hex(853B00)		Ratio: 1.06 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.98 Failed ⁵
Hex(85420D)	Ratio: 1.06 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(854A1C)	Ratio: 1.14 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(855229)	Ratio: 1.23 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.61 Failed ⁵
Hex(855936)	Ratio: 1.33 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(856142)	Ratio: 1.44 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.37 Failed ⁵
Hex(85664F)	Ratio: 1.53 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.30 Failed ⁵
Hex(856E5C)	Ratio: 1.67 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(85756B)	Ratio: 1.81 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.09 Failed ⁵
Hex(857D78)	Ratio: 1.98 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.09 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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