

Converting Colors - WCAG Matrix

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

	Hex(754B63)	Hex(753F5E)	Hex(753459)	Hex(752854)	Hex(751C4F)	Hex(75114A)	Hex(750545)	Hex(750043)
Hex(754B63)		Ratio: 1.12 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(753F5E)	Ratio: 1.12 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(753459)	Ratio: 1.23 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.30 Failed ⁵
Hex(752854)	Ratio: 1.35 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(751C4F)	Ratio: 1.45 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.11 Failed ⁵
Hex(75114A)	Ratio: 1.52 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(750545)	Ratio: 1.58 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(750043)	Ratio: 1.60 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.05 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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