

Converting Colors - WCAG Matrix

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

Hex(694C62) Hex(8A5C7F) Hex(54694C) Hex(363034) Hex(750059) Hex(F500BA)

	Hex(694C62)	Hex(8A5C7F)	Hex(54694C)	Hex(363034)	Hex(750059)	Hex(F500BA)
Hex(694C62)		Ratio: 1.39 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.99 Failed ⁵
Hex(8A5C7F)	Ratio: 1.39 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(54694C)	Ratio: 1.25 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 2.15 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(363034)	Ratio: 1.73 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.15 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 3.43 AA 18pt ²
Hex(750059)	Ratio: 1.48 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 2.94 Failed ⁵
Hex(F500BA)	Ratio: 1.99 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 2.94 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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