

Converting Colors - WCAG Matrix

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

Hex(645B62) Hex(82747F) Hex(64615B) Hex(332E32) Hex(730059) Hex(F200BC)

	Hex(645B62)	Hex(82747F)	Hex(64615B)	Hex(332E32)	Hex(730059)	Hex(F200BC)
Hex(645B62)		Ratio: 1.48 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(82747F)	Ratio: 1.48 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 2.54 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(64615B)	Ratio: 1.06 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 2.16 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(332E32)	Ratio: 2.04 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 2.16 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 3.49 AA 18pt ²
Hex(730059)	Ratio: 1.72 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 2.94 Failed ⁵
Hex(F200BC)	Ratio: 1.71 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 3.49 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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