

Converting Colors - WCAG Matrix

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

	Hex(68454F)	Hex(683B48)	Hex(683040)	Hex(682639)	Hex(681B31)	Hex(68112A)	Hex(680722)	Hex(68001E)
Hex(68454F)		Ratio: 1.11 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(683B48)	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.44 Failed ⁵
Hex(683040)	Ratio: 1.22 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.30 Failed ⁵
Hex(682639)	Ratio: 1.33 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(681B31)	Ratio: 1.43 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.11 Failed ⁵
Hex(68112A)	Ratio: 1.50 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(680722)	Ratio: 1.55 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(68001E)	Ratio: 1.59 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.02 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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