

Converting Colors - WCAG Matrix

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

Hex(350F57) Hex(3C0170) Hex(570F56) Hex(29272B) Hex(39006B) Hex(7C00EB)

	Hex(350F57)	Hex(3C0170)	Hex(570F56)	Hex(29272B)	Hex(39006B)	Hex(7C00EB)
Hex(350F57)		Ratio: 1.05 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.25 Failed ⁵
Hex(3C0170)	Ratio: 1.05 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.14 Failed ⁵
Hex(570F56)	Ratio: 1.18 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.90 Failed ⁵
Hex(29272B)	Ratio: 1.05 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(39006B)	Ratio: 1.02 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 2.21 Failed ⁵
Hex(7C00EB)	Ratio: 2.25 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.21 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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