

Converting Colors - WCAG Matrix

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

	Hex(AA5F7B)	Hex(AA4E70)	Hex(AA3D65)	Hex(AA2C5A)	Hex(AA1B50)	Hex(AA0A45)	Hex(AA003F)
Hex(AA5F7B)		Ratio: 1.15 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(AA4E70)	Ratio: 1.15 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(AA3D65)	Ratio: 1.30 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(AA2C5A)	Ratio: 1.44 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(AA1B50)	Ratio: 1.55 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(AA0A45)	Ratio: 1.63 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(AA003F)	Ratio: 1.67 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.07 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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