

Converting Colors - WCAG Matrix

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

Hex(AD3AAD) Hex(E02DE0) Hex(3AAD74) Hex(574E57) Hex(960096) Hex(170017)

	Hex(AD3AAD)	Hex(E02DE0)	Hex(3AAD74)	Hex(574E57)	Hex(960096)	Hex(170017)
Hex(AD3AAD)		Ratio: 1.41 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 3.80 AA 18pt ²
Hex(E02DE0)	Ratio: 1.41 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 5.36 AA ¹ AAA 18pt ⁴
Hex(3AAD74)	Ratio: 1.86 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 2.81 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 7.06 Passed ⁶
Hex(574E57)	Ratio: 1.51 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.81 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(960096)	Ratio: 1.46 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 2.61 Failed ⁵
Hex(170017)	Ratio: 3.80 AA 18pt ²	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 7.06 Passed ⁶	Ratio: 2.51 Failed ⁵	Ratio: 2.61 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.

This PDF was generated on convertingcolors.com.