

Converting Colors - WCAG Matrix

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

Hex(AB61AB) Hex(DE6ADE) Hex(AB8661) Hex(574E57) Hex(960096) Hex(170017)

	Hex(AB61AB)	Hex(DE6ADE)	Hex(AB8661)	Hex(574E57)	Hex(960096)	Hex(170017)
Hex(AB61AB)		Ratio: 1.44 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 4.80 AA ¹ AAA 18pt ⁴
Hex(DE6ADE)	Ratio: 1.44 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 6.89 AA ¹ AAA 18pt ⁴
Hex(AB8661)	Ratio: 1.26 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 2.40 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 6.02 AA ¹ AAA 18pt ⁴
Hex(574E57)	Ratio: 1.91 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 2.40 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(960096)	Ratio: 1.84 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 2.61 Failed ⁵
Hex(170017)	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 6.89 AA ¹ AAA 18pt ⁴	Ratio: 6.02 AA ¹ AAA 18pt ⁴	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.

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