

Converting Colors - WCAG Matrix

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

Hex(4544AB) Hex(403EDE) Hex(7744AB) Hex(4E4E57) Hex(010096) Hex(000017)

	Hex(4544AB)	Hex(403EDE)	Hex(7744AB)	Hex(4E4E57)	Hex(010096)	Hex(000017)
Hex(4544AB)		Ratio: 1.11 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.64 Failed ⁵
Hex(403EDE)	Ratio: 1.11 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.93 Failed ⁵
Hex(7744AB)	Ratio: 1.20 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 3.16 AA 18pt ²
Hex(4E4E57)	Ratio: 1.05 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.77 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(010096)	Ratio: 1.85 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.77 Failed ⁵		Ratio: 1.42 Failed ⁵
Hex(000017)	Ratio: 2.64 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 2.52 Failed ⁵	Ratio: 1.42 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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