

Converting Colors - WCAG Matrix

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

Hex(14009D) Hex(1A00CC) Hex(61009D) Hex(48474F) Hex(12008F) Hex(02000F)

	Hex(14009D)	Hex(1A00CC)	Hex(61009D)	Hex(48474F)	Hex(12008F)	Hex(02000F)
Hex(14009D)		Ratio: 1.26 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(1A00CC)	Ratio: 1.26 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.90 Failed ⁵
Hex(61009D)	Ratio: 1.32 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.98 Failed ⁵
Hex(48474F)	Ratio: 1.51 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.61 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(12008F)	Ratio: 1.07 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.61 Failed ⁵		Ratio: 1.41 Failed ⁵
Hex(02000F)	Ratio: 1.50 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.41 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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