

Converting Colors - WCAG Matrix

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

Hex(293D0D) Hex(474F3C) Hex(3D210D) Hex(24291D) Hex(A8A8A8) Hex(292929)

	Hex(293D0D)	Hex(474F3C)	Hex(3D210D)	Hex(24291D)	Hex(A8A8A8)	Hex(292929)
Hex(293D0D)		Ratio: 1.39 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 1.22 Failed ⁵
Hex(474F3C)	Ratio: 1.39 Failed ⁵		Ratio: 1.72 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 1.70 Failed ⁵
Hex(3D210D)	Ratio: 1.24 Failed ⁵	Ratio: 1.72 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 6.21 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(24291D)	Ratio: 1.25 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 6.26 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(A8A8A8)	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 3.60 AA 18pt ²	Ratio: 6.21 AA ¹ AAA 18pt ⁴	Ratio: 6.26 AA ¹ AAA 18pt ⁴		Ratio: 6.12 AA ¹ AAA 18pt ⁴
Hex(292929)	Ratio: 1.22 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 6.12 AA ¹ AAA 18pt ⁴	

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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