

Converting Colors - WCAG Matrix

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

Hex(2F520D) Hex(5E6B50) Hex(522F0D) Hex(2D3625) Hex(B5B5B5) Hex(363636)

	Hex(2F520D)	Hex(5E6B50)	Hex(522F0D)	Hex(2D3625)	Hex(B5B5B5)	Hex(363636)
Hex(2F520D)		Ratio: 1.58 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 4.39 AA 18pt ²	Ratio: 1.34 Failed ⁵
Hex(5E6B50)	Ratio: 1.58 Failed ⁵		Ratio: 2.09 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 2.13 Failed ⁵
Hex(522F0D)	Ratio: 1.32 Failed ⁵	Ratio: 2.09 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 5.78 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(2D3625)	Ratio: 1.40 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 6.15 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(B5B5B5)	Ratio: 4.39 AA 18pt ²	Ratio: 2.77 Failed ⁵	Ratio: 5.78 AA ¹ AAA 18pt ⁴	Ratio: 6.15 AA ¹ AAA 18pt ⁴		Ratio: 5.89 AA ¹ AAA 18pt ⁴
Hex(363636)	Ratio: 1.34 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 5.89 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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