

Converting Colors - WCAG Matrix

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

Hex(13520F) Hex(536B51) Hex(524D0F) Hex(273626) Hex(B5B5B5) Hex(363636)

	Hex(13520F)	Hex(536B51)	Hex(524D0F)	Hex(273626)	Hex(B5B5B5)	Hex(363636)
Hex(13520F)		Ratio: 1.60 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 1.29 Failed ⁵
Hex(536B51)	Ratio: 1.60 Failed ⁵		Ratio: 1.48 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(524D0F)	Ratio: 1.08 Failed ⁵	Ratio: 1.48 Failed ⁵		Ratio: 1.48 Failed ⁵	Ratio: 4.22 AA 18pt ²	Ratio: 1.40 Failed ⁵
Hex(273626)	Ratio: 1.37 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.48 Failed ⁵		Ratio: 6.24 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(B5B5B5)	Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 2.85 Failed ⁵	Ratio: 4.22 AA 18pt ²	Ratio: 6.24 AA ¹ AAA 18pt ⁴		Ratio: 5.89 AA ¹ AAA 18pt ⁴
Hex(363636)	Ratio: 1.29 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.06 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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