

Converting Colors - WCAG Matrix

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

	Hex(533945)	Hex(533140)	Hex(53293B)	Hex(532137)	Hex(531832)	Hex(53102D)	Hex(530829)	Hex(530025)
Hex(533945)		Ratio: 1.08 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.46 Failed ⁵
Hex(533140)	Ratio: 1.08 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(53293B)	Ratio: 1.17 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(532137)	Ratio: 1.24 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(531832)	Ratio: 1.32 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.11 Failed ⁵
Hex(53102D)	Ratio: 1.38 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(530829)	Ratio: 1.42 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(530025)	Ratio: 1.46 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.03 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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