

Converting Colors - WCAG Matrix

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

Hex(594D59) Hex(736073) Hex(59534D) Hex(2B272B) Hex(6B006B) Hex(EB00EB)

	Hex(594D59)	Hex(736073)	Hex(59534D)	Hex(2B272B)	Hex(6B006B)	Hex(EB00EB)
Hex(594D59)		Ratio: 1.39 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 2.18 Failed ⁵
Hex(736073)	Ratio: 1.39 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(59534D)	Ratio: 1.05 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.94 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(2B272B)	Ratio: 1.84 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 1.94 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 4.01 AA 18pt ²
Hex(6B006B)	Ratio: 1.43 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 3.12 AA 18pt ²
Hex(EB00EB)	Ratio: 2.18 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 4.01 AA 18pt ²	Ratio: 3.12 AA 18pt ²	

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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