

Converting Colors - WCAG Matrix

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

Hex(6E8D91) Hex(567378) Hex(3D5B5F) Hex(264347) Hex(0F2D31) Hex(00191C) Hex(000000)

	Hex(6E8D91)	Hex(567378)	Hex(3D5B5F)	Hex(264347)	Hex(0F2D31)	Hex(00191C)	Hex(000000)
Hex(6E8D91)		Ratio: 1.43 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 4.08 AA 18pt ²	Ratio: 5.09 AA ¹ AAA 18pt ⁴	Ratio: 5.88 AA ¹ AAA 18pt ⁴
Hex(567378)	Ratio: 1.43 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 4.12 AA 18pt ²
Hex(3D5B5F)	Ratio: 2.06 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.86 Failed ⁵
Hex(264347)	Ratio: 2.98 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.98 Failed ⁵
Hex(0F2D31)	Ratio: 4.08 AA 18pt ²	Ratio: 2.86 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.44 Failed ⁵
Hex(00191C)	Ratio: 5.09 AA ¹ AAA 18pt ⁴	Ratio: 3.56 AA 18pt ²	Ratio: 2.47 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.16 Failed ⁵
Hex(000000)	Ratio: 5.88 AA ¹ AAA 18pt ⁴	Ratio: 4.12 AA 18pt ²	Ratio: 2.86 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.16 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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