

Converting Colors - WCAG Matrix

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

Hex(D8BACE) Hex(FFD4F1) Hex(BFD8BA) Hex(6B6068) Hex(AB0072) Hex(2B001D)

	Hex(D8BACE)	Hex(FFD4F1)	Hex(BFD8BA)	Hex(6B6068)	Hex(AB0072)	Hex(2B001D)
Hex(D8BACE)		Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 3.98 AA 18pt ²	Ratio: 10.56 Passed ⁶
Hex(FFD4F1)	Ratio: 1.35 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 14.23 Passed ⁶
Hex(BFD8BA)	Ratio: 1.16 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 3.93 AA 18pt ²	Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 12.27 Passed ⁶
Hex(6B6068)	Ratio: 3.38 AA 18pt ²	Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 3.93 AA 18pt ²		Ratio: 1.18 Failed ⁵	Ratio: 3.12 AA 18pt ²
Hex(AB0072)	Ratio: 3.98 AA 18pt ²	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵		Ratio: 2.65 Failed ⁵
Hex(2B001D)	Ratio: 10.56 Passed ⁶	Ratio: 14.23 Passed ⁶	Ratio: 12.27 Passed ⁶	Ratio: 3.12 AA 18pt ²	Ratio: 2.65 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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