

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(DFF8F6) Hex(E0FFFC) Hex(DFEEF8) Hex(707D7C) Hex(00BDAB) Hex(003D37)

	Hex(DFF8F6)	Hex(E0FFFC)	Hex(DFEEF8)	Hex(707D7C)	Hex(00BDAB)	Hex(003D37)
Hex(DFF8F6)		Ratio: 1.05 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 3.85 AA 18pt ²	Ratio: 2.13 Failed ⁵	Ratio: 10.97 Passed ⁶
Hex(E0FFFC)	Ratio: 1.05 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 4.05 AA 18pt ²	Ratio: 2.24 Failed ⁵	Ratio: 11.54 Passed ⁶
Hex(DFEEF8)	Ratio: 1.07 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 3.61 AA 18pt ²	Ratio: 2.00 Failed ⁵	Ratio: 10.29 Passed ⁶
Hex(707D7C)	Ratio: 3.85 AA 18pt ²	Ratio: 4.05 AA 18pt ²	Ratio: 3.61 AA 18pt ²		Ratio: 1.80 Failed ⁵	Ratio: 2.85 Failed ⁵
Hex(00BDAB)	Ratio: 2.13 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.80 Failed ⁵		Ratio: 5.15 AA ¹ AAA 18pt ⁴
Hex(003D37)	Ratio: 10.97 Passed ⁶	Ratio: 11.54 Passed ⁶	Ratio: 10.29 Passed ⁶	Ratio: 2.85 Failed ⁵	Ratio: 5.15 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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