

Converting Colors - WCAG Matrix

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

	Hex(B1AEAF)	Hex(B1C0BB)	Hex(B1D1C7)	Hex(B1E3D2)	Hex(B1F5DE)	Hex(B1FFEA)	Hex(B1FFF6)	Hex(B1FFFF)
Hex(B1AEAF)		Ratio: 1.17 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(B1C0BB)	Ratio: 1.17 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(B1D1C7)	Ratio: 1.34 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(B1E3D2)	Ratio: 1.55 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(B1F5DE)	Ratio: 1.78 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(B1FFEA)	Ratio: 1.92 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(B1FFF6)	Ratio: 1.94 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(B1FFFF)	Ratio: 1.95 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.01 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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