

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.										
	Hex(B28697)	Hex(B298A2)	Hex(B2A9AD)	Hex(B2BBB8)	Hex(B2CDC3)	Hex(B2DFCE)	Hex(B2F1D9)	Hex(B2FFE4)	Hex(B2FFEF)	Hex(B2FFFA)
Hex(B28697)		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(B298A2)	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(B2A9AD)	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.03 Failed ⁵
Hex(B2BBB8)	Ratio: 1.58 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(B2CDC3)	Ratio: 1.84 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(B2DFCE)	Ratio: 2.12 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.30 Failed ⁵
Hex(B2F1D9)	Ratio: 2.44 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(B2FFE4)	Ratio: 2.71 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(B2FFEF)	Ratio: 2.73 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(B2FFFA)	Ratio: 2.75 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.13 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.