

# Converting Colors - WCAG Matrix

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

	Hex(D5EBED)	Hex(BEEAED)	Hex(A6E8ED)	Hex(8EE7ED)	Hex(77E5ED)	Hex(5FE3ED)	Hex(47E2ED)	Hex(30E0ED)	Hex(18DFED)	Hex(00DDED)
Hex(D5EBED)		Ratio: 1.05 Failed <sup>5</sup>	Ratio: 1.10 Failed <sup>5</sup>	Ratio: 1.14 Failed <sup>5</sup>	Ratio: 1.19 Failed <sup>5</sup>	Ratio: 1.24 Failed <sup>5</sup>	Ratio: 1.27 Failed <sup>5</sup>	Ratio: 1.30 Failed <sup>5</sup>	Ratio: 1.32 Failed <sup>5</sup>	Ratio: 1.35 Failed <sup>5</sup>
Hex(BEEAED)	Ratio: 1.05 Failed <sup>5</sup>		Ratio: 1.05 Failed <sup>5</sup>	Ratio: 1.09 Failed <sup>5</sup>	Ratio: 1.14 Failed <sup>5</sup>	Ratio: 1.18 Failed <sup>5</sup>	Ratio: 1.21 Failed <sup>5</sup>	Ratio: 1.24 Failed <sup>5</sup>	Ratio: 1.26 Failed <sup>5</sup>	Ratio: 1.29 Failed <sup>5</sup>
Hex(A6E8ED)	Ratio: 1.10 Failed <sup>5</sup>	Ratio: 1.05 Failed <sup>5</sup>		Ratio: 1.04 Failed <sup>5</sup>	Ratio: 1.08 Failed <sup>5</sup>	Ratio: 1.12 Failed <sup>5</sup>	Ratio: 1.15 Failed <sup>5</sup>	Ratio: 1.18 Failed <sup>5</sup>	Ratio: 1.20 Failed <sup>5</sup>	Ratio: 1.22 Failed <sup>5</sup>
Hex(8EE7ED)	Ratio: 1.14 Failed <sup>5</sup>	Ratio: 1.09 Failed <sup>5</sup>	Ratio: 1.04 Failed <sup>5</sup>		Ratio: 1.04 Failed <sup>5</sup>	Ratio: 1.08 Failed <sup>5</sup>	Ratio: 1.11 Failed <sup>5</sup>	Ratio: 1.14 Failed <sup>5</sup>	Ratio: 1.15 Failed <sup>5</sup>	Ratio: 1.18 Failed <sup>5</sup>
Hex(77E5ED)	Ratio: 1.19 Failed <sup>5</sup>	Ratio: 1.14 Failed <sup>5</sup>	Ratio: 1.08 Failed <sup>5</sup>	Ratio: 1.04 Failed <sup>5</sup>		Ratio: 1.04 Failed <sup>5</sup>	Ratio: 1.06 Failed <sup>5</sup>	Ratio: 1.09 Failed <sup>5</sup>	Ratio: 1.11 Failed <sup>5</sup>	Ratio: 1.13 Failed <sup>5</sup>
Hex(5FE3ED)	Ratio: 1.24 Failed <sup>5</sup>	Ratio: 1.18 Failed <sup>5</sup>	Ratio: 1.12 Failed <sup>5</sup>	Ratio: 1.08 Failed <sup>5</sup>	Ratio: 1.04 Failed <sup>5</sup>		Ratio: 1.02 Failed <sup>5</sup>	Ratio: 1.05 Failed <sup>5</sup>	Ratio: 1.07 Failed <sup>5</sup>	Ratio: 1.09 Failed <sup>5</sup>
Hex(47E2ED)	Ratio: 1.27 Failed <sup>5</sup>	Ratio: 1.21 Failed <sup>5</sup>	Ratio: 1.15 Failed <sup>5</sup>	Ratio: 1.11 Failed <sup>5</sup>	Ratio: 1.06 Failed <sup>5</sup>	Ratio: 1.02 Failed <sup>5</sup>		Ratio: 1.03 Failed <sup>5</sup>	Ratio: 1.04 Failed <sup>5</sup>	Ratio: 1.06 Failed <sup>5</sup>
Hex(30E0ED)	Ratio: 1.30 Failed <sup>5</sup>	Ratio: 1.24 Failed <sup>5</sup>	Ratio: 1.18 Failed <sup>5</sup>	Ratio: 1.14 Failed <sup>5</sup>	Ratio: 1.09 Failed <sup>5</sup>	Ratio: 1.05 Failed <sup>5</sup>	Ratio: 1.03 Failed <sup>5</sup>		Ratio: 1.02 Failed <sup>5</sup>	Ratio: 1.04 Failed <sup>5</sup>
Hex(18DFED)	Ratio: 1.32 Failed <sup>5</sup>	Ratio: 1.26 Failed <sup>5</sup>	Ratio: 1.20 Failed <sup>5</sup>	Ratio: 1.15 Failed <sup>5</sup>	Ratio: 1.11 Failed <sup>5</sup>	Ratio: 1.07 Failed <sup>5</sup>	Ratio: 1.04 Failed <sup>5</sup>	Ratio: 1.02 Failed <sup>5</sup>		Ratio: 1.02 Failed <sup>5</sup>
Hex(00DDED)	Ratio: 1.35 Failed <sup>5</sup>	Ratio: 1.29 Failed <sup>5</sup>	Ratio: 1.22 Failed <sup>5</sup>	Ratio: 1.18 Failed <sup>5</sup>	Ratio: 1.13 Failed <sup>5</sup>	Ratio: 1.09 Failed <sup>5</sup>	Ratio: 1.06 Failed <sup>5</sup>	Ratio: 1.04 Failed <sup>5</sup>	Ratio: 1.02 Failed <sup>5</sup>	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

<sup>1</sup> AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

<sup>2</sup> AA 18pt

AA level for large text above 18pt.

<sup>3</sup> AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

<sup>4</sup> AAA 18pt

AAA level for large text above 18pt.

<sup>5</sup> Failed

Failed to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

<sup>6</sup> Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

This PDF was generated on [convertingcolors.com](http://convertingcolors.com).