

# Converting Colors - WCAG Matrix

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

Hex(A8D195) Hex(EFFFE8) Hex(D1BE95) Hex(768071) Hex(000000) Hex(808080)

	Hex(A8D195)	Hex(EFFFE8)	Hex(D1BE95)	Hex(768071)	Hex(000000)	Hex(808080)
Hex(A8D195)		Ratio: <a href="#">1.65</a> Failed <sup>5</sup>	Ratio: <a href="#">1.06</a> Failed <sup>5</sup>	Ratio: <a href="#">2.40</a> Failed <sup>5</sup>	Ratio: <a href="#">12.22</a> Passed <sup>6</sup>	Ratio: <a href="#">2.30</a> Failed <sup>5</sup>
Hex(EFFFE8)	Ratio: <a href="#">1.65</a> Failed <sup>5</sup>		Ratio: <a href="#">1.75</a> Failed <sup>5</sup>	Ratio: <a href="#">3.95</a> AA 18pt <sup>2</sup>	Ratio: <a href="#">20.14</a> Passed <sup>6</sup>	Ratio: <a href="#">3.79</a> AA 18pt <sup>2</sup>
Hex(D1BE95)	Ratio: <a href="#">1.06</a> Failed <sup>5</sup>	Ratio: <a href="#">1.75</a> Failed <sup>5</sup>		Ratio: <a href="#">2.26</a> Failed <sup>5</sup>	Ratio: <a href="#">11.51</a> Passed <sup>6</sup>	Ratio: <a href="#">2.16</a> Failed <sup>5</sup>
Hex(768071)	Ratio: <a href="#">2.40</a> Failed <sup>5</sup>	Ratio: <a href="#">3.95</a> AA 18pt <sup>2</sup>	Ratio: <a href="#">2.26</a> Failed <sup>5</sup>		Ratio: <a href="#">5.10</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: <a href="#">1.04</a> Failed <sup>5</sup>
Hex(000000)	Ratio: <a href="#">12.22</a> Passed <sup>6</sup>	Ratio: <a href="#">20.14</a> Passed <sup>6</sup>	Ratio: <a href="#">11.51</a> Passed <sup>6</sup>	Ratio: <a href="#">5.10</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>		Ratio: <a href="#">5.32</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(808080)	Ratio: <a href="#">2.30</a> Failed <sup>5</sup>	Ratio: <a href="#">3.79</a> AA 18pt <sup>2</sup>	Ratio: <a href="#">2.16</a> Failed <sup>5</sup>	Ratio: <a href="#">1.04</a> Failed <sup>5</sup>	Ratio: <a href="#">5.32</a> AA <sup>1</sup> AAA 18pt <sup>4</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

Fails 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.

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