

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(E5F2D9) Hex(EFFFE0) Hex(D9F2D9) Hex(72786C) Hex(58B800) Hex(1B3800)**

	Hex(E5F2D9)	Hex(EFFFE0)	Hex(D9F2D9)	Hex(72786C)	Hex(58B800)	Hex(1B3800)
Hex(E5F2D9)		<a href="#">Ratio: 1.11</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.02</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.90</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.18</a> Failed <sup>5</sup>	<a href="#">Ratio: 11.19</a> Passed <sup>6</sup>
Hex(EFFFE0)	<a href="#">Ratio: 1.11</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.14</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.34</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.42</a> Failed <sup>5</sup>	<a href="#">Ratio: 12.44</a> Passed <sup>6</sup>
Hex(D9F2D9)	<a href="#">Ratio: 1.02</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.14</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.82</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.13</a> Failed <sup>5</sup>	<a href="#">Ratio: 10.95</a> Passed <sup>6</sup>
Hex(72786C)	<a href="#">Ratio: 3.90</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.34</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.82</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 1.79</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.86</a> Failed <sup>5</sup>
Hex(58B800)	<a href="#">Ratio: 2.18</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.42</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.13</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.79</a> Failed <sup>5</sup>		<a href="#">Ratio: 5.13</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(1B3800)	<a href="#">Ratio: 11.19</a> Passed <sup>6</sup>	<a href="#">Ratio: 12.44</a> Passed <sup>6</sup>	<a href="#">Ratio: 10.95</a> Passed <sup>6</sup>	<a href="#">Ratio: 2.86</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.13</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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