

# Converting Colors - WCAG Matrix

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

Hex(EDF0FF) Hex(EBEEFF) Hex(F3EDFF) Hex(737580) Hex(001FBF) Hex(000A40)

	Hex(EDF0FF)	Hex(EBEEFF)	Hex(F3EDFF)	Hex(737580)	Hex(001FBF)	Hex(000A40)
Hex(EDF0FF)		<a href="#">Ratio: 1.02</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.04</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 9.50</a> Passed <sup>6</sup>	<a href="#">Ratio: 16.56</a> Passed <sup>6</sup>
Hex(EBEEFF)	<a href="#">Ratio: 1.02</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.97</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 9.34</a> Passed <sup>6</sup>	<a href="#">Ratio: 16.29</a> Passed <sup>6</sup>
Hex(F3EDFF)	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>		<a href="#">Ratio: 4.01</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 9.43</a> Passed <sup>6</sup>	<a href="#">Ratio: 16.44</a> Passed <sup>6</sup>
Hex(737580)	<a href="#">Ratio: 4.04</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.97</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.01</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 2.35</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.10</a> AA 18pt <sup>2</sup>
Hex(001FBF)	<a href="#">Ratio: 9.50</a> Passed <sup>6</sup>	<a href="#">Ratio: 9.34</a> Passed <sup>6</sup>	<a href="#">Ratio: 9.43</a> Passed <sup>6</sup>	<a href="#">Ratio: 2.35</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.74</a> Failed <sup>5</sup>
Hex(000A40)	<a href="#">Ratio: 16.56</a> Passed <sup>6</sup>	<a href="#">Ratio: 16.29</a> Passed <sup>6</sup>	<a href="#">Ratio: 16.44</a> Passed <sup>6</sup>	<a href="#">Ratio: 4.10</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.74</a> 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

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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