

Converting Colors

CIELCh(95, 13.679, 201.177)

Have a look what the booklet for
CIELCh(95, 13.679, 201.177)
contains.

CIELCh(95, 13.428, 203.011)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(95, 13.428, 203.011)

Conversions

Conversions Part 1

Format	Color
Hex	D0F8FA
RGB	208, 248, 250
RGB Percent	82%, 97%, 98%
CMY	0.1835, 0.0266, 0.0188
CMYK	0.17, 0.01, 0.00, 0.02
HSL	183°, 81%, 90%
HSV	183°, 17%, 98%
XYZ	76.9900, 87.6183, 103.4687
YIQ	236.2680, -24.4820, -7.8580

Conversions

Conversions Part 2

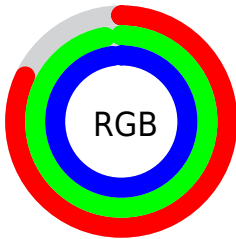
Format	Color
R _Y B	208, 228, 250
Decimal	13695226
CIE Lab	95.00, -12.36, -5.25
CIE LCh	95, 13.428, 203.011
Yxy	87.6183, 0.2872, 0.3268
Android (android.graphics.Color)	4291885306 (0xFFD0F8FA)
YUV	236.2680, 6.7699, -24.7910
Hunter-Lab	93.6047, -16.9916, -0.0147

Details

The CIELCh color `95, 13.428, 203.011` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `88, 15.025, 24.414`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 13.556, 203.000` is the 20% darker color. If you saturate the color by 10%, you get `93, 20.705, 202.715`, and if you desaturate by 10%, it is `97, 5.583, 203.414`.

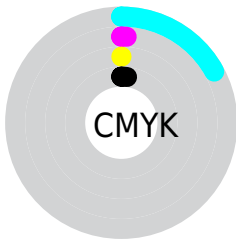
Distribution



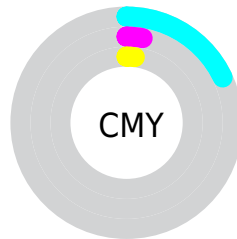
- Red (82%)
- Green (97%)
- Blue (98%)



- Red (82%)
- Yellow (89%)
- Blue (98%)



- Cyan (17%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)





- Cyan (18%)
- Magenta (3%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 13.428, 203.011 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 95, 13.428, 203.011 by changing the saturation by 10% instead.


 95, 13.428,
203.011


 95, 13.428,
203.011


 100, 13.428,
203.011


 85, 13.428,
203.011

 75, 13.428,
203.011

 65, 13.428,
203.011

 55, 13.428,
203.011

 45, 13.428,
203.011

 35, 13.428,
203.011

 25, 13.428,

203.011

■ 15, 13.428,
203.011

■ 5, 13.428, 203.011

■ 95, 13.428,
203.011

■ 95, 13.428,
203.011

■ 93, 20.705,
202.715

■ 97, 5.583, 203.414

■ 92, 27.273,
202.524

■ 99, 1.559, 26.238

■ 99, 1.371, 54.477

■ 90, 32.996,
202.440

■ 99, 1.556, 82.749

■ 89, 37.754,
202.479

■ 100, 2.012,
101.562

■ 88, 41.459,
202.657

■ 100, 2.418,
109.965

■ 87, 44.071,
202.991

■ 87, 45.621,
203.492

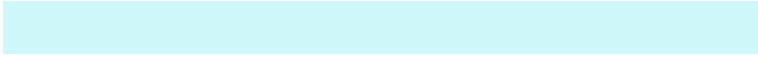
■ 86, 46.226,
204.165

■ 86, 46.308,
204.404

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



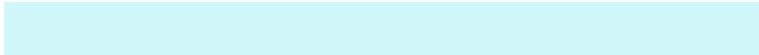
95, 13.428, 203.011



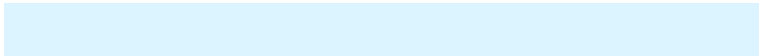
88, 15.025, 24.414

Rectangle

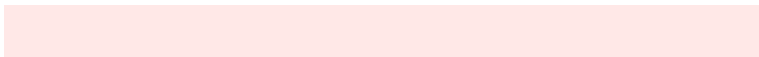
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



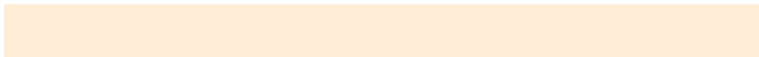
95, 13.428, 203.011



95, 13.428, 253.011



95, 13.428, 23.011



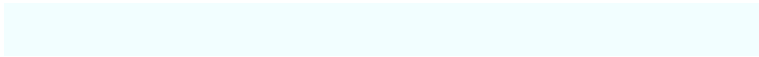
95, 13.428, 73.011

Sweetspot

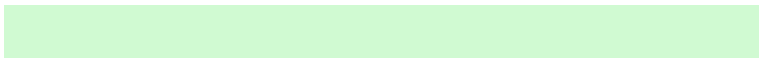
The Sweet Spot groups the original color and five complimentary colors.



95, 13.429, 203.003



99, 4.195, 203.522



95, 25.802, 144.281



53, 2.857, 203.476



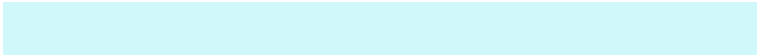
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 13.429, 203.003



96, 16.079, 202.900



90, 13.211, 261.365



51, 4.639, 203.282



67, 37.499, 204.257



22, 17.091, 203.203

Inverse Universe

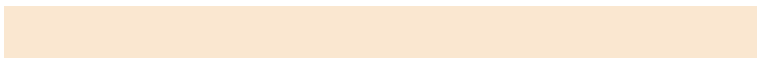
The Inverse Universe completely reimagines the original color for something new.



88, 25.581, 326.676



88, 30.972, 326.862



93, 13.676, 76.780



49, 8.625, 326.252



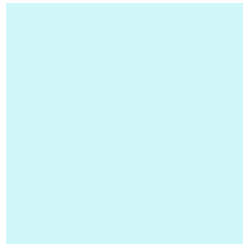
44, 88.781, 330.220



11, 40.358, 329.958

Previews

White Background



This preview shows how the CIE LCh color 95, 13.428, 203.011 looks on a white background.

Color Contrast Check

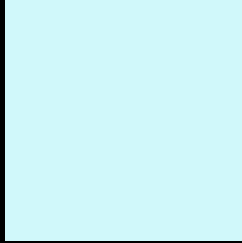
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 95, 13.428, 203.011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

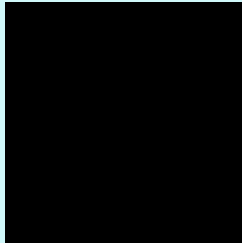
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

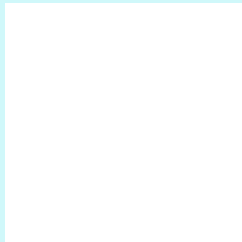
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 13.428, 203.011

Background



This preview shows how black text looks on a background with the CIELCh color 95, 13.428, 203.011.

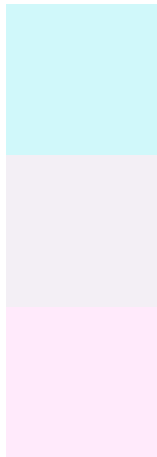


This preview shows how white text looks on a background with the CIELCh color 95, 13.428, 203.011.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
95, 13.428, 203.011

Protanopia
95, 3.413, 314.712

Deuteranopia
95, 11.486, 330.678

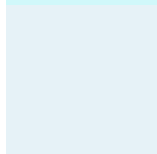


Tritanopia
95, 8.804, 243.748

Trichromacy



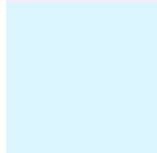
Original Color
95, 13.428, 203.011



Protanomaly
95, 4.837, 231.438



Deuteranomaly
95, 6.180, 287.463

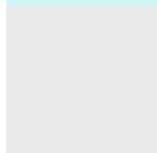


Tritanomaly
95, 9.901, 223.544

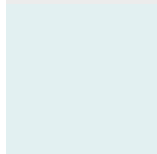
Monochromacy



Original Color
95, 13.428, 203.011



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 4.885, 205.277

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 13.428, 203.011 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(208, 248, 250)` looks like.

```
.text, #text, p{  
    color:rgb(208, 248, 250)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(208, 248, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 248, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 13.428, 203.011 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 248, 250) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(208, 248, 250) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(208, 248, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 248, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 248, 250);  
box-shadow:4px 4px 4px 4px rgb(208, 248,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 13.428, 203.011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 248, 250) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(208,  
248, 250) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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