

Converting Colors

CIELCh(95, 11.848, 266.391)

Have a look what the booklet for
CIELCh(95, 11.848, 266.391)
contains.

CIELCh(95, 8.311, 252.920)	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, 8.311, 252.920)

Conversions

Conversions Part 1

Format	Color
Hex	E4F3FF
RGB	228, 243, 255
RGB Percent	89%, 95%, 100%
CMY	0.1071, 0.0483, 0.0000
CMYK	0.11, 0.05, 0.00, 0.00
HSL	207°, 100%, 95%
HSV	207°, 11%, 100%
XYZ	82.0104, 87.6183, 107.7823
YIQ	239.8830, -12.7920, 0.5520

Conversions

Conversions Part 2

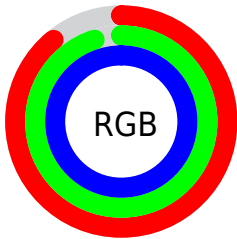
Format	Color
R_{YB}	228, 238, 255
Decimal	15004671
CIE _{Lab}	95.00, -2.44, -7.94
CIE _{LCh}	95, 8.311, 252.920
Yxy	87.6183, 0.2956, 0.3158
Android (android.graphics.Color)	4293194751 (0xFFE4F3FF)
YUV	239.8830, 7.4527, -10.4214
Hunter-Lab	93.6047, -7.4178, -2.7469

Details

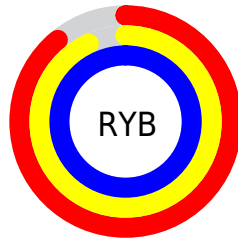
The CIELCh color `95, 8.311, 252.920` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `96, 8.320, 68.593`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 7.870, 248.300` is the 20% darker color. If you saturate the color by 10%, you get `90, 15.379, 252.781`, and if you desaturate by 10%, it is `100, 0.547, 250.855`.

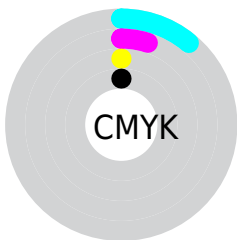
Distribution



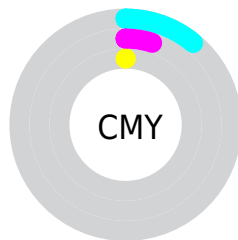
- Red (89%)
- Green (95%)
- Blue (100%)



- Red (89%)
- Yellow (93%)
- Blue (100%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 8.311, 252.920 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, 8.311, 252.920 by changing the saturation by 10% instead.



95, 8.311, 252.920

95, 8.311, 252.920

90, 15.379,
252.781

100, 0.547,
250.855

86, 22.530,
254.599

100, 0.012,
296.813

81, 29.449,
256.798

77, 36.108,
259.447

73, 42.503,
262.611

69, 48.673,
266.330

65, 54.710,
270.590

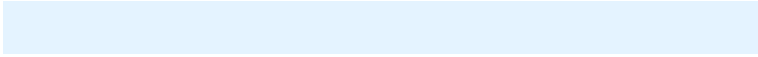
61, 60.755,
275.291

■ 58, 66.532,
279.799

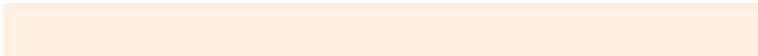
Harmonies

Complementary

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



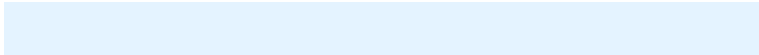
95, 8.311, 252.920



96, 8.320, 68.593

Rectangle

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



95, 8.311, 252.920



95, 8.311, 302.920



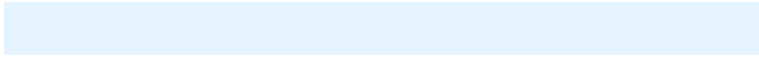
95, 8.311, 72.920



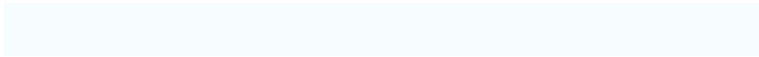
95, 8.311, 122.920

Sweetspot

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



95, 8.036, 251.291



99, 2.270, 250.448



98, 12.318, 160.216



52, 1.718, 250.501



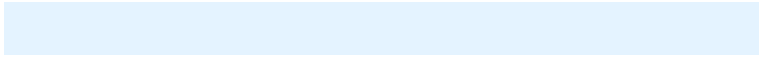
0, 0.000, 0.000



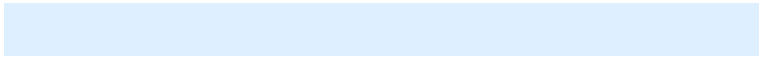
53, 0.007, 296.813

Same Dimension

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



95, 8.036, 251.291



94, 9.730, 251.604



92, 13.452, 289.279



51, 4.270, 251.133



44, 52.734, 278.900



13, 21.717, 271.982

Inverse Universe

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



93, 12.454, 341.911



92, 15.147, 342.114



99, 13.152, 107.015



50, 6.600, 341.805



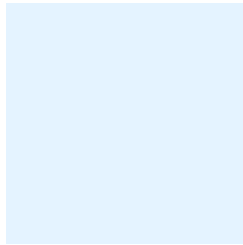
41, 69.034, 357.488



11, 32.420, 352.670

Previews

White Background



This preview shows how the CIELCh color 95, 8.311, 252.920 looks on a white background.

Color Contrast Check

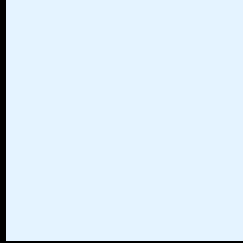
Large Text (above 18pt) WCAG AA × Fail

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, 8.311, 252.920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

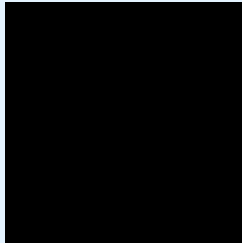
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

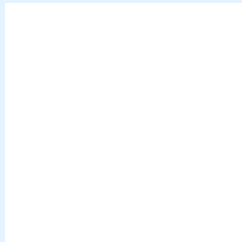
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 8.311, 252.920

Background



This preview shows how black text looks on a background with the CIELCh color 95, 8.311, 252.920.

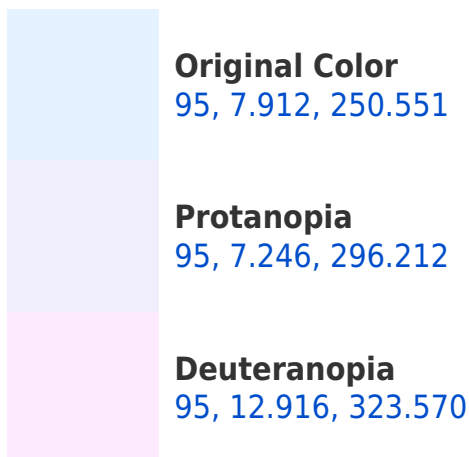


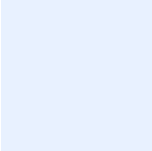
This preview shows how white text looks on a background with the CIELCh color 95, 8.311, 252.920.

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





Tritanopia
95, 7.768, 267.461

Trichromacy



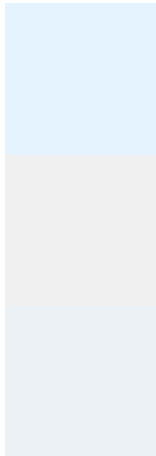
Original Color
95, 7.912, 250.551

Protanomaly
95, 7.305, 279.917

Deuteranomaly
95, 9.610, 305.448

Tritanomaly
95, 7.757, 258.918

Monochromacy



Original Color
95, 7.912, 250.551

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.678, 249.777

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 8.311, 252.920 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(228, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(228, 243, 255)  
}
```

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(228, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 243, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 8.311, 252.920 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(228, 243, 255) }
```

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

```
.border{ border-color:rgb(228, 243, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(228, 243,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 8.311, 252.920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 243, 255) }
```

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

```
.background{ background-color: rgb(228,  
243, 255) }
```

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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