

Converting Colors

CIELCh(95, 7.982, 234.652)

Have a look what the booklet for
CIELCh(95, 7.982, 234.652) contains.

CIELCh(95, 8.129, 233.858)	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, 8.129, 233.858)

Conversions

Conversions Part 1

Format	Color
Hex	E0F4FD
RGB	224, 244, 253
RGB Percent	88%, 96%, 99%
CMY	0.1217, 0.0432, 0.0079
CMYK	0.11, 0.04, 0.00, 0.01
HSL	199°, 88%, 94%
HSV	199°, 11%, 99%
XYZ	80.8001, 87.6183, 105.5594
YIQ	239.0460, -14.8090, -1.4410

Conversions

Conversions Part 2

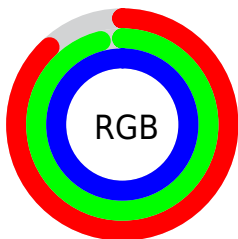
Format	Color
R_{YB}	224, 236, 253
Decimal	14742781
CIE _{Lab}	95.00, -4.79, -6.56
CIE _{LCh}	95, 8.129, 233.858
Y _{xy}	87.6183, 0.2949, 0.3198
Android (android.graphics.Color)	4292932861 (0xFFE0F4FD)
YUV	239.0460, 6.8793, -13.1953
Hunter-Lab	93.6047, -9.7260, -1.3389

Details

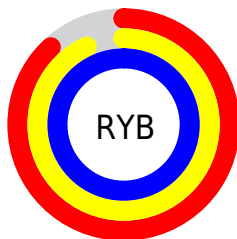
The CIELCh color `95, 8.129, 233.858` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `94, 8.647, 51.961`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 7.905, 232.225` is the 20% darker color. If you saturate the color by 10%, you get `91, 14.872, 234.873`, and if you desaturate by 10%, it is `99, 1.062, 233.491`.

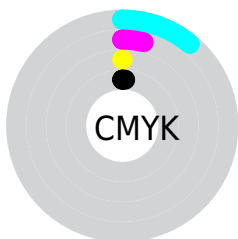
Distribution



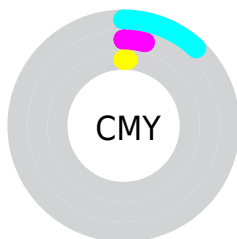
- Red (88%)
- Green (96%)
- Blue (99%)



- Red (88%)
- Yellow (93%)
- Blue (99%)



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)




- Cyan (12%)
- Magenta (4%)
- Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 8.129, 233.858 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, 8.129, 233.858 by changing the saturation by 10% instead.

 95, 8.129, 233.858

 95, 8.129, 233.858

 100, 8.129,
233.858

 85, 8.129, 233.858

 75, 8.129, 233.858

 65, 8.129, 233.858

 55, 8.129, 233.858

 45, 8.129, 233.858

 35, 8.129, 233.858

 25, 8.129, 233.858

 15, 8.129, 233.858

 5, 8.129, 233.858

95, 8.129, 233.858

95, 8.129, 233.858

91, 14.872,
234.873

99, 1.062, 233.491

88, 21.210,
236.209

100, 1.016,
110.026

84, 27.059,
237.907

81, 32.341,
240.051

78, 37.002,
242.732

75, 41.032,
246.040

72, 44.492,
250.038

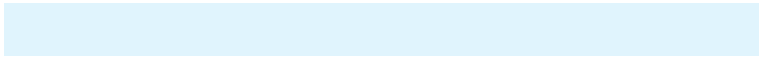
70, 47.526,
254.718

■ 68, 49.986,
259.084

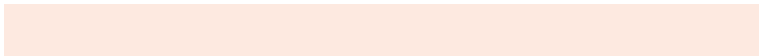
Harmonies

Complementary

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



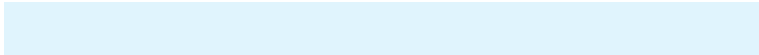
95, 8.129, 233.858



94, 8.647, 51.961

Rectangle

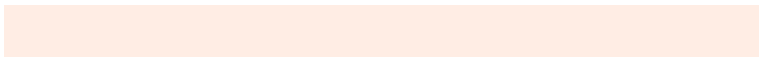
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 8.129, 233.858



95, 8.129, 283.858



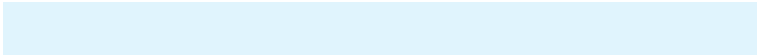
95, 8.129, 53.858



95, 8.129, 103.858

Sweetspot

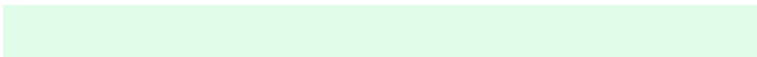
The Sweet Spot groups the original color and five complimentary colors.



95, 8.129, 233.842



99, 2.180, 233.321



97, 14.643, 153.488



53, 1.649, 233.326



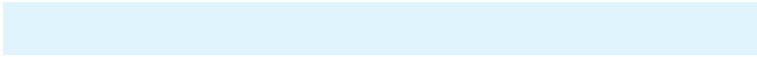
0, 0.000, 0.000



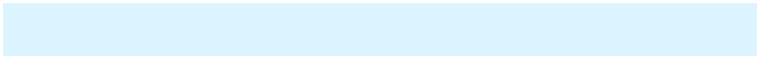
53, 0.007, 296.813

Same Dimension

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



95, 8.129, 233.842



95, 9.937, 234.076



91, 12.143, 281.825



51, 4.074, 233.677



52, 40.148, 258.134



16, 17.453, 251.029

Inverse Universe

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



92, 14.619, 335.477



91, 18.002, 335.668



97, 11.983, 99.073



50, 7.287, 335.331



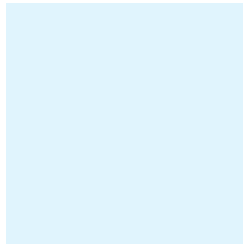
42, 73.839, 345.701



11, 34.801, 342.981

Previews

White Background



This preview shows how the CIE LCh color 95, 8.129, 233.858 looks on a white background.

Color Contrast Check

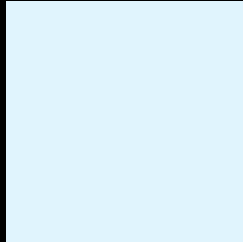
Large Text (above 18pt) WCAG AA × Fail

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, 8.129, 233.858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

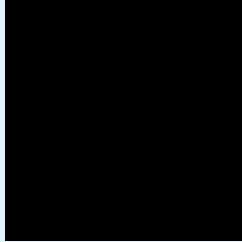
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

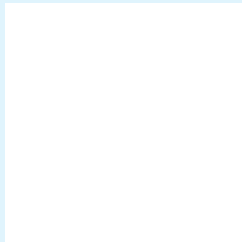
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 8.129, 233.858

Background



This preview shows how black text looks on a background with the CIELCh color 95, 8.129, 233.858.



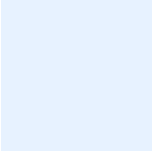
This preview shows how white text looks on a background with the CIELCh color 95, 8.129, 233.858.

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](#).

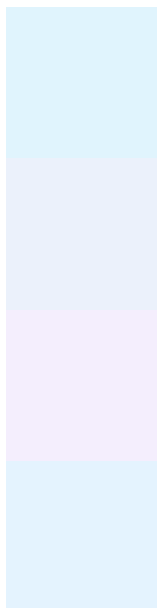
Dichromacy





Tritanopia
95, 7.592, 261.110

Trichromacy



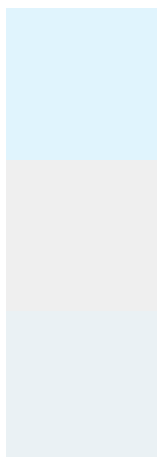
Original Color
95, 8.129, 233.858

Protanomaly
95, 5.508, 268.540

Deuteranomaly
95, 8.022, 305.785

Tritanomaly
95, 7.534, 247.950

Monochromacy



Original Color
95, 8.129, 233.858

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 2.868, 232.050

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 8.129, 233.858 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(224, 244, 253)` looks like.

```
.text, #text, p{  
    color:rgb(224, 244, 253)  
}
```

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(224, 244, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 244, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 8.129, 233.858 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(224, 244, 253) }
```

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

```
.border{ border-color:rgb(224, 244, 253) }
```

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

Here you see how a box with a 4 pixel rgb(224, 244, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 244, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 244, 253);  
box-shadow:4px 4px 4px 4px rgb(224, 244,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 8.129, 233.858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 244, 253) }
```

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

```
.background{ background-color: rgb(224,  
244, 253) }
```

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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