

Converting Colors

CIELCh(95, 8.077, 213.781)

Have a look what the booklet for
CIELCh(95, 8.077, 213.781) contains.

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Color

CIELCh(95, 8.072, 213.780)

Conversions

Conversions Part 1

Format	Color
Hex	DEF5F9
RGB	222, 245, 249
RGB Percent	87%, 96%, 98%
CMY	0.1297, 0.0395, 0.0238
CMYK	0.11, 0.02, 0.00, 0.02
HSL	189°, 69%, 92%
HSV	189°, 11%, 98%
XYZ	79.8240, 87.6183, 102.2719
YIQ	238.5790, -14.9920, -3.6320

Conversions

Conversions Part 2

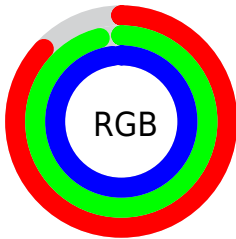
Format	Color
R _Y B	222, 234, 249
Decimal	14611961
CIE Lab	95.00, -6.71, -4.49
CIE LCh	95, 8.072, 213.780
Yxy	87.6183, 0.2960, 0.3249
Android (android.graphics.Color)	4292802041 (0xFFDEF5F9)
YUV	238.5790, 5.1376, -14.5398
Hunter-Lab	93.6047, -11.5872, 0.7433

Details

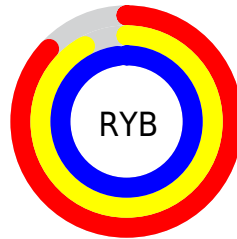
The CIELCh color `95, 8.072, 213.780` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `92, 8.665, 33.626`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 8.067, 214.454` is the 20% darker color. If you saturate the color by 10%, you get `92, 15.055, 213.903`, and if you desaturate by 10%, it is `98, 0.646, 214.638`.

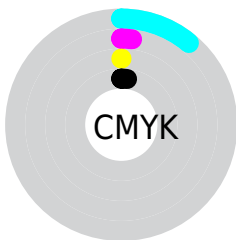
Distribution



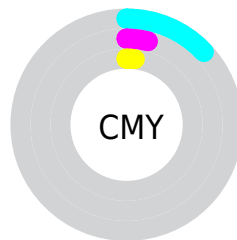
- Red (87%)
- Green (96%)
- Blue (98%)



- Red (87%)
- Yellow (92%)
- Blue (98%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



- Cyan (13%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 8.072, 213.780 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, 8.072, 213.780 by changing the saturation by 10% instead.

95, 8.072, 213.780

95, 8.072, 213.780

100, 8.072,
213.780

85, 8.072, 213.780

75, 8.072, 213.780

65, 8.072, 213.780

55, 8.072, 213.780

45, 8.072, 213.780

35, 8.072, 213.780

25, 8.072, 213.780

15, 8.072, 213.780

5, 8.072, 213.780

95, 8.072, 213.780

95, 8.072, 213.780

92, 15.055,
213.903

98, 0.646, 214.638

90, 21.476,
214.221

99, 1.940, 80.734

100, 3.065,
109.924

88, 27.212,
214.741

86, 32.141,
215.509

84, 36.160,
216.580

82, 39.199,
218.018

81, 41.246,
219.888

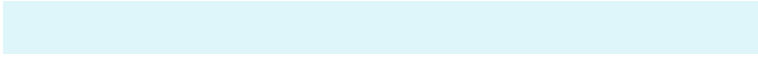
80, 42.371,
222.251

■ 78, 42.794,
224.823

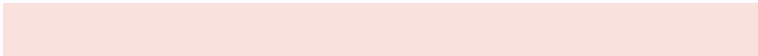
Harmonies

Complementary

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



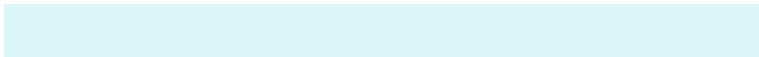
95, 8.072, 213.780



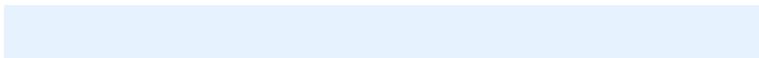
92, 8.665, 33.626

Rectangle

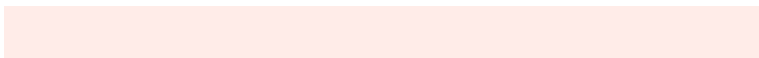
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 8.072, 213.780



95, 8.072, 263.780



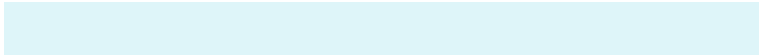
95, 8.072, 33.780



95, 8.072, 83.780

Sweetspot

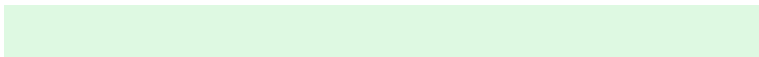
The Sweet Spot groups the original color and five complimentary colors.



95, 8.073, 213.765



99, 2.323, 213.918



95, 15.434, 147.639



53, 1.758, 213.861



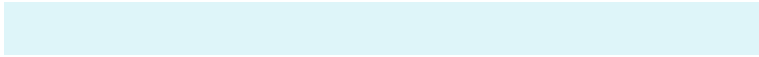
0, 0.000, 0.000



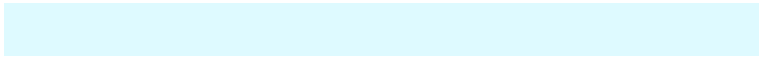
53, 0.007, 296.813

Same Dimension

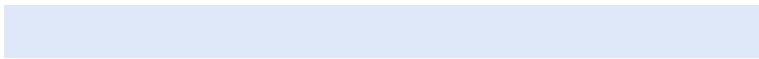
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 8.073, 213.765



96, 9.807, 213.779



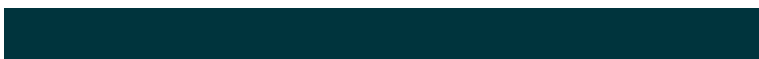
92, 9.407, 269.866



51, 4.260, 213.762



61, 34.769, 224.279



19, 15.822, 220.293

Inverse Universe

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



91, 15.311, 329.409



92, 18.736, 329.545



95, 9.457, 86.957



49, 8.043, 329.323



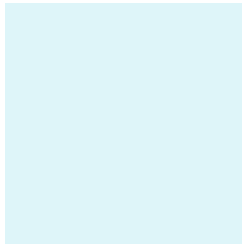
43, 82.070, 335.167



11, 37.672, 334.166

Previews

White Background



This preview shows how the CIELCh color 95, 8.072, 213.780 looks on a white background.

Color Contrast Check

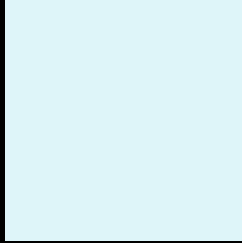
Large Text (above 18pt) WCAG AA × Fail

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, 8.072, 213.780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

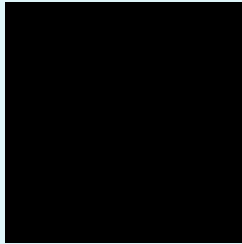
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

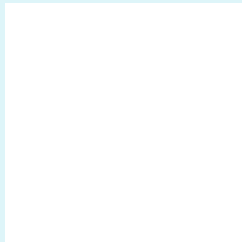
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 8.072, 213.780

Background



This preview shows how black text looks on a background with the CIELCh color 95, 8.072, 213.780.

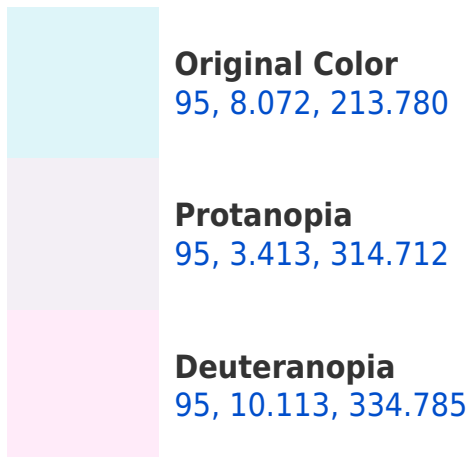


This preview shows how white text looks on a background with the CIELCh color 95, 8.072, 213.780.

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](#).

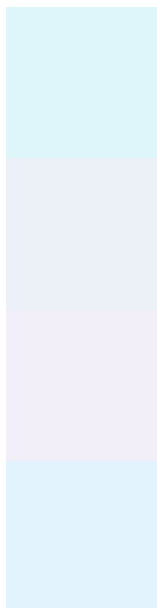
Dichromacy





Tritanopia
95, 7.757, 258.918

Trichromacy



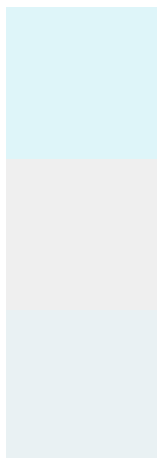
Original Color
95, 8.072, 213.780

Protanomaly
95, 3.287, 251.015

Deuteranomaly
95, 5.351, 305.681

Tritanomaly
95, 7.409, 243.216

Monochromacy



Original Color
95, 8.072, 213.780

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 2.959, 219.791

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 8.072, 213.780 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(222, 245, 249)` looks like.

```
.text, #text, p{  
    color:rgb(222, 245, 249)  
}
```

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(222, 245, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 245, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 8.072, 213.780 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(222, 245, 249) }
```

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

```
.border{ border-color:rgb(222, 245, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 245, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 245, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 245, 249);  
box-shadow:4px 4px 4px 4px rgb(222, 245,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 8.072, 213.780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 245, 249) }
```

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

```
.background{ background-color: rgb(222,  
245, 249) }
```

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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