

Converting Colors

CIELCh(96, 8.552, 209.802)

Have a look what the booklet for
CIELCh(96, 8.552, 209.802) contains.

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Color

CIELCh(96, 8.619, 209.254)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DFF8FB |
| RGB | 223, 248, 251 |
| RGB Percent | 87%, 97%, 98% |
| CMY | 0.1245, 0.0264, 0.0146 |
| CMYK | 0.11, 0.01, 0.00, 0.01 |
| HSL | 186°, 79%, 93% |
| HSV | 186°, 11%, 99% |
| XYZ | 81.6139, 90.0078, 104.5570 |
| YIQ | 240.8670, -15.8630, -4.3670 |

Conversions

Conversions Part 2

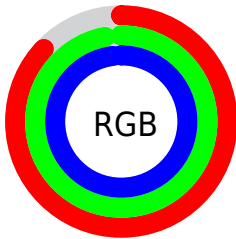
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 223, 236, 251 |
| Decimal | 14678267 |
| CIE Lab | 96.00, -7.52, -4.21 |
| CIE LCh | 96, 8.619, 209.254 |
| Yxy | 90.0078, 0.2955, 0.3259 |
| Android (android.graphics.Color) | 4292868347 (0xFFDFF8FB) |
| YUV | 240.8670, 4.9956, -15.6694 |
| Hunter-Lab | 94.8724, -12.4723, 1.0684 |

Details

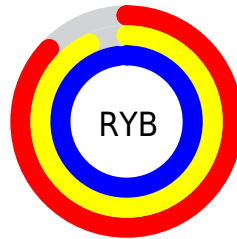
The CIELCh color `96, 8.619, 209.254` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `92, 9.277, 29.521`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `76, 8.625, 209.652` is the 20% darker color. If you saturate the color by 10%, you get `94, 15.858, 209.171`, and if you desaturate by 10%, it is `98, 0.909, 210.020`.

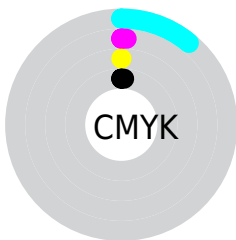
Distribution



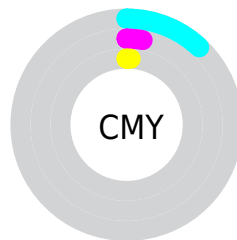
- Red (87%)
- Green (97%)
- Blue (98%)



- Red (87%)
- Yellow (93%)
- Blue (98%)



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





- Cyan (12%)
- Magenta (3%)
- Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 8.619, 209.254 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 96, 8.619, 209.254 by changing the saturation by 10% instead.

 96, 8.619, 209.254

 96, 8.619, 209.254

 100, 8.619,
209.254

 86, 8.619, 209.254

 76, 8.619, 209.254

 66, 8.619, 209.254

 56, 8.619, 209.254

 46, 8.619, 209.254

 36, 8.619, 209.254

 26, 8.619, 209.254

 16, 8.619, 209.254

 6, 8.619, 209.254

96, 8.619, 209.254

96, 8.619, 209.254

94, 15.858,
209.171

98, 0.909, 210.020

92, 22.499,
209.247

100, 1.283, 88.302

90, 28.409,
209.482

100, 1.883,
109.996

88, 33.463,
209.907

86, 37.549,
210.561

85, 40.597,
211.487

84, 42.593,
212.730

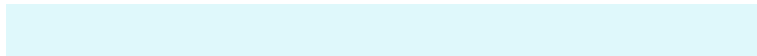
83, 43.600,
214.330

■ 82, 43.855,
216.028

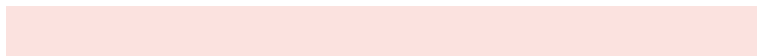
Harmonies

Complementary

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



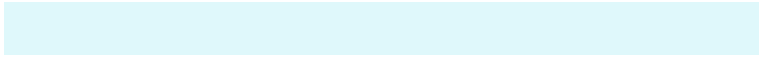
96, 8.619, 209.254



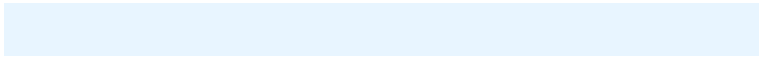
92, 9.277, 29.521

Rectangle

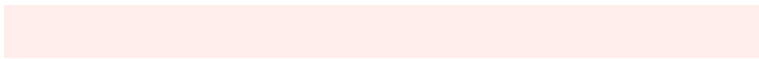
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



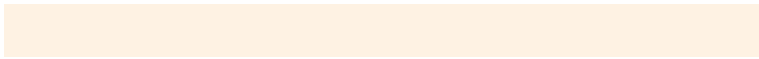
96, 8.619, 209.254



96, 8.619, 259.254



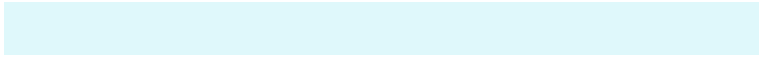
96, 8.619, 29.254



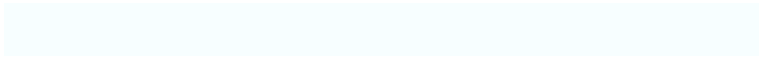
96, 8.619, 79.254

Sweetspot

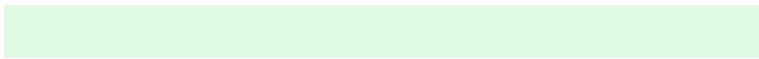
The Sweet Spot groups the original color and five complimentary colors.



96, 8.620, 209.240



99, 2.398, 209.542



96, 16.366, 146.594



53, 1.814, 209.471



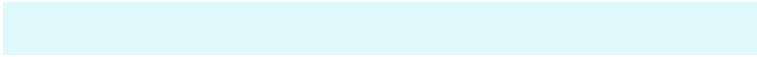
0, 0.000, 0.000



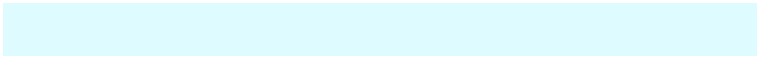
53, 0.007, 296.813

Same Dimension

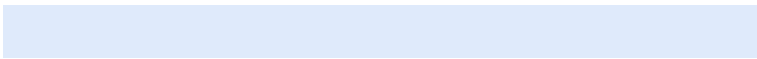
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 8.620, 209.240



97, 10.121, 209.215



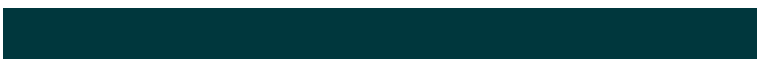
92, 9.406, 266.979



51, 4.397, 209.269



63, 35.409, 215.644



20, 16.184, 212.928

Inverse Universe

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



92, 16.317, 328.118



92, 19.280, 328.231



95, 9.504, 83.957



49, 8.277, 328.016



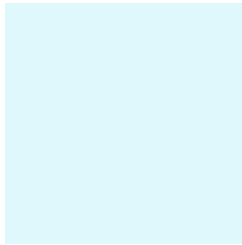
44, 84.728, 333.017



11, 38.742, 332.351

Previews

White Background



This preview shows how the CIE LCh color 96, 8.619, 209.254 looks on a white background.

Color Contrast Check

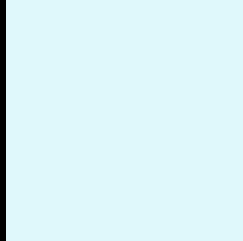
Large Text (above 18pt) WCAG AA × Fail

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 96, 8.619, 209.254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

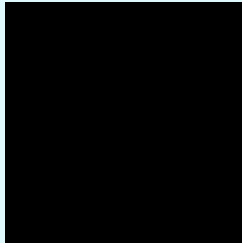
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

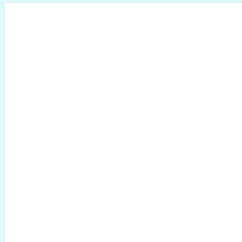
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 8.619, 209.254

Background



This preview shows how black text looks on a background with the CIELCh color 96, 8.619, 209.254.

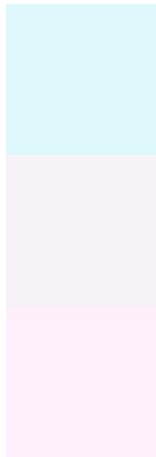


This preview shows how white text looks on a background with the CIELCh color 96, 8.619, 209.254.

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

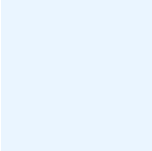
96, 8.619, 209.254

Protanopia

96, 2.946, 318.819

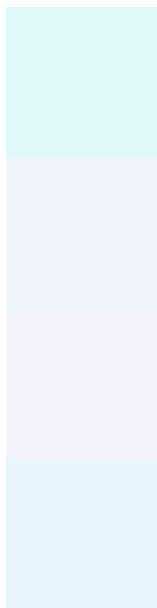
Deuteranopia

96, 8.008, 335.179



Tritanopia
96, 6.300, 253.916

Trichromacy



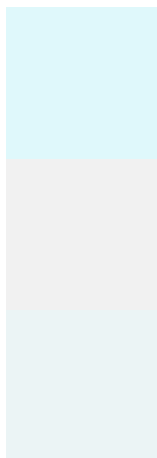
Original Color
96, 8.619, 209.254

Protanomaly
96, 3.280, 251.010

Deuteranomaly
96, 4.131, 295.342

Tritanomaly
96, 6.760, 236.631

Monochromacy



Original Color
96, 8.619, 209.254

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 3.168, 208.729

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 8.619, 209.254 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(223, 248, 251)` looks like.

```
.text, #text, p{  
    color:rgb(223, 248, 251)  
}
```

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(223, 248, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 248, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 8.619, 209.254 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(223, 248, 251) }
```

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

```
.border{ border-color:rgb(223, 248, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 248, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 248, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 248, 251);  
box-shadow:4px 4px 4px 4px rgb(223, 248,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 8.619, 209.254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 248, 251) }
```

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

```
.background{ background-color: rgb(223,  
248, 251) }
```

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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