

Converting Colors

CIELCh(96, 4.636, 249.409)

Have a look what the booklet for
CIELCh(96, 4.636, 249.409) contains.

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Color

CIELCh(96, 4.701, 249.216)

Conversions

Conversions Part 1

Format	Color
Hex	ECF5FC
RGB	236, 245, 252
RGB Percent	93%, 96%, 99%
CMY	0.0752, 0.0399, 0.0125
CMYK	0.06, 0.03, 0.00, 0.01
HSL	206°, 71%, 96%
HSV	206°, 6%, 99%
XYZ	84.6659, 90.0078, 104.8484
YIQ	243.1070, -7.6110, 0.2690

Conversions

Conversions Part 2

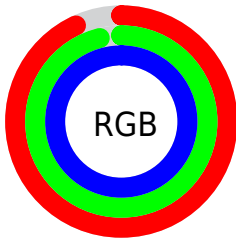
Format	Color
R _Y B	236, 242, 252
Decimal	15529468
CIE Lab	96.00, -1.67, -4.40
CIE LCh	96, 4.701, 249.216
Yxy	90.0078, 0.3029, 0.3220
Android (android.graphics.Color)	4293719548 (0xFFEFCF5FC)
YUV	243.1070, 4.3842, -6.2328
Hunter-Lab	94.8724, -6.7300, 0.8863

Details

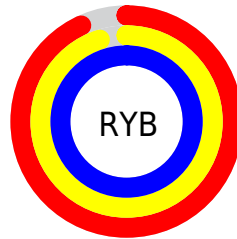
The CIELCh color **96, 4.701, 249.216** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 4.792, 67.521**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 4.534, 244.826** is the 20% darker color. If you saturate the color by 10%, you get **91, 11.966, 250.498**, and if you desaturate by 10%, it is **100, 1.606, 110.010**.

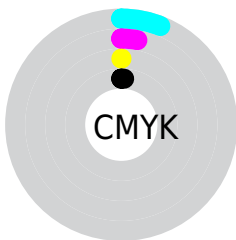
Distribution



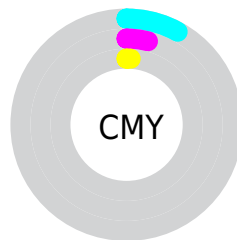
- Red (93%)
- Green (96%)
- Blue (99%)



- Red (93%)
- Yellow (95%)
- Blue (99%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (1%)



- Cyan (8%)
- Magenta (4%)
- Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 4.701, 249.216 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, 4.701, 249.216 by changing the saturation by 10% instead.

 96, 4.701, 249.216

 96, 4.701, 249.216

 100, 4.701,
249.216

 86, 4.701, 249.216

 76, 4.701, 249.216

 66, 4.701, 249.216

 56, 4.701, 249.216

 46, 4.701, 249.216

 36, 4.701, 249.216

 26, 4.701, 249.216

 16, 4.701, 249.216

 6, 4.701, 249.216

96, 4.701, 249.216

96, 4.701, 249.216

91, 11.966,
250.498

100, 1.606,
110.010

87, 19.042,
252.140

83, 25.882,
254.137

78, 32.447,
256.556

74, 38.716,
259.467

70, 44.704,
262.930

66, 50.475,
266.963

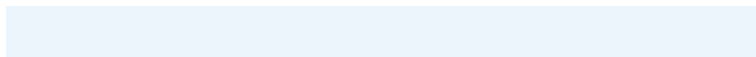
63, 56.150,
271.516

■ 59, 61.892,
276.428

Harmonies

Complementary

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



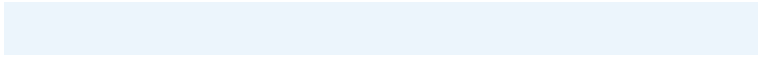
96, 4.701, 249.216



96, 4.792, 67.521

Rectangle

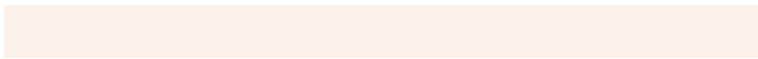
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 4.701, 249.216



96, 4.701, 299.216



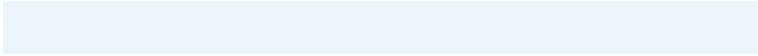
96, 4.701, 69.216



96, 4.701, 119.216

Sweetspot

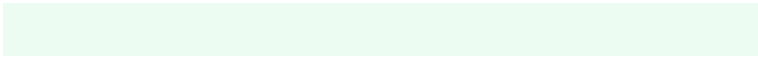
The Sweet Spot groups the original color and five complimentary colors.



96, 4.700, 249.188



99, 1.506, 248.891



98, 7.308, 159.790



53, 0.856, 248.897



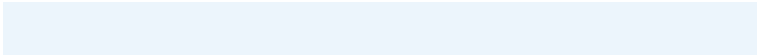
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



96, 4.700, 249.188



96, 5.969, 249.376



94, 7.697, 288.053



50, 4.165, 249.558



44, 50.758, 277.265



13, 20.536, 269.893

Inverse Universe

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



95, 7.343, 340.855



95, 9.359, 341.001



98, 7.587, 106.704



49, 6.552, 341.131



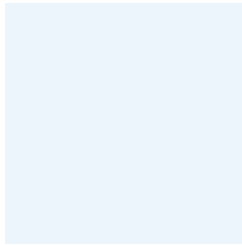
41, 68.654, 356.239



10, 31.783, 351.426

Previews

White Background



This preview shows how the CIELCh color 96, 4.701, 249.216 looks on a white background.

Color Contrast Check

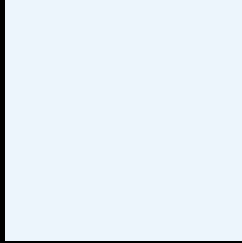
Large Text (above 18pt) WCAG AA × Fail

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, 4.701, 249.216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

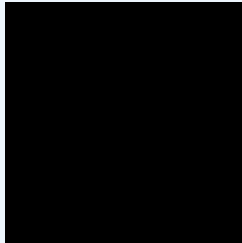
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

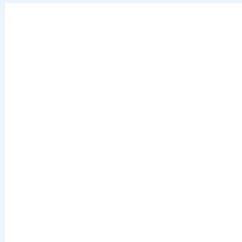
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 4.701, 249.216

Background



This preview shows how black text looks on a background with the CIELCh color 96, 4.701, 249.216.



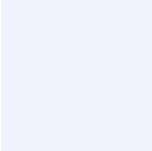
This preview shows how white text looks on a background with the CIELCh color 96, 4.701, 249.216.

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](#).

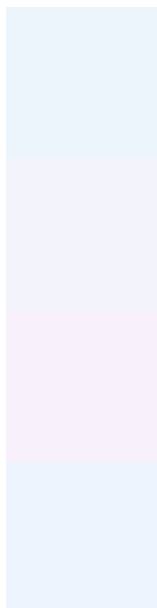
Dichromacy





Tritanopia
96, 6.226, 281.124

Trichromacy



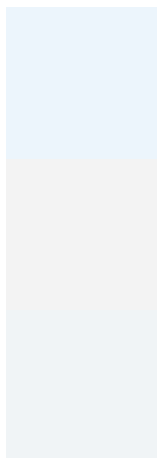
Original Color
96, 4.701, 249.216

Protanomaly
96, 4.117, 285.677

Deuteranomaly
96, 5.716, 315.863

Tritanomaly
96, 5.495, 268.531

Monochromacy



Original Color
96, 4.701, 249.216

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 1.725, 236.227

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 4.701, 249.216 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(236, 245, 252)` looks like.

```
.text, #text, p{  
    color:rgb(236, 245, 252)  
}
```

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(236, 245, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 245, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 4.701, 249.216 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(236, 245, 252) }
```

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

```
.border{ border-color:rgb(236, 245, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 245, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 245, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 245, 252);  
box-shadow:4px 4px 4px 4px rgb(236, 245,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 4.701, 249.216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 245, 252) }
```

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

```
.background{ background-color: rgb(236,  
245, 252) }
```

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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