

Converting Colors

CIE LCh(96, 6.219, 297.016)

Have a look what the booklet for
CIELCh(96, 6.219, 297.016) contains.

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Color

CIELCh(96, 6.210, 297.055)

Conversions

Conversions Part 1

Format	Color
Hex	F4F2FE
RGB	244, 242, 254
RGB Percent	96%, 95%, 100%
CMY	0.0426, 0.0504, 0.0034
CMYK	0.04, 0.05, 0.00, 0.00
HSL	250°, 87%, 97%
HSV	250°, 5%, 100%
XYZ	87.0601, 90.0078, 106.6670
YIQ	243.9660, -2.6600, 4.1560

Conversions

Conversions Part 2

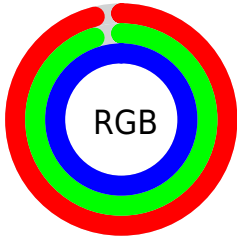
Format	Color
RYB	244, 242, 254
Decimal	16052990
CIELab	96.00, 2.82, -5.53
CIELCh	96, 6.210, 297.055
Yxy	90.0078, 0.3068, 0.3172
Android (android.graphics.Color)	4294243070 (0xFFFF4F2FE)
YUV	243.9660, 4.9468, 0.0298
Hunter-Lab	94.8724, -2.2254, -0.2503

Details

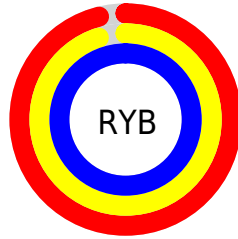
The CIELCh color `96, 6.210, 297.055` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `99, 6.126, 116.356`, and the grayscale version is `96, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `76, 5.986, 297.689` is the 20% darker color. If you saturate the color by 10%, you get `88, 19.717, 297.872`, and if you desaturate by 10%, it is `100, 0.425, 109.964`.

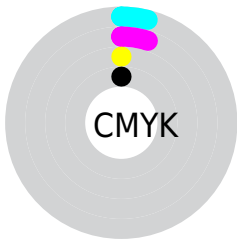
Distribution



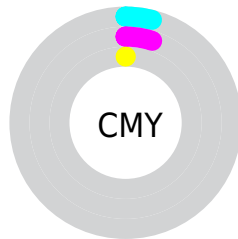
- Red (96%)
- Green (95%)
- Blue (100%)



- Red (96%)
- Yellow (95%)
- Blue (100%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 6.210, 297.055 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, 6.210, 297.055 by changing the saturation by 10% instead.

96, 6.210, 297.055

96, 6.210, 297.055

100, 6.210,
297.055

86, 6.210, 297.055

76, 6.210, 297.055

66, 6.210, 297.055

56, 6.210, 297.055

46, 6.210, 297.055

36, 6.210, 297.055

26, 6.210, 297.055

16, 6.210, 297.055

6, 6.210, 297.055

96, 6.210, 297.055

96, 6.210, 297.055

88, 19.717,
297.872

100, 0.425,
109.964

80, 33.771,
298.832

72, 48.378,
299.934

65, 63.500,
301.179

57, 78.989,
302.543

50, 94.461,
303.961

43, 109.089,
305.297

38, 121.412,
306.334

■ 34, 129.576,
306.819

Harmonies

Complementary

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



96, 6.210, 297.055



99, 6.126, 116.356

Rectangle

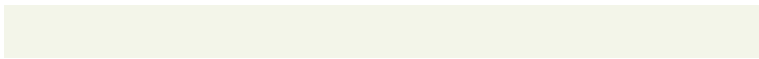
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



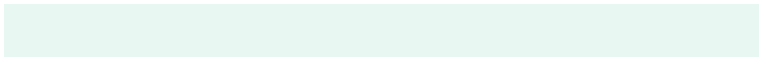
96, 6.210, 297.055



96, 6.210, 347.055



96, 6.210, 117.055



96, 6.210, 167.055

Sweetspot

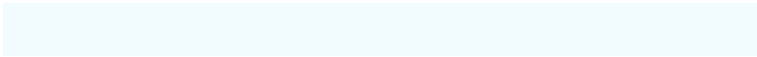
The Sweet Spot groups the original color and five complimentary colors.



96, 6.208, 297.045



99, 1.318, 296.768



98, 3.625, 214.041



53, 0.750, 296.765



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, 6.208, 297.045



95, 7.928, 297.144



96, 6.758, 314.296



50, 5.264, 297.195



24, 106.596, 306.984



4, 44.492, 304.915

Inverse Universe

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



97, 6.664, 329.615



96, 8.499, 329.705



99, 6.710, 133.963



51, 5.640, 329.749



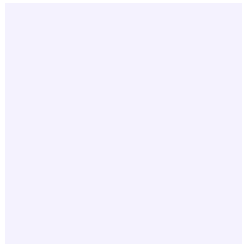
44, 81.724, 336.203



12, 38.179, 335.086

Previews

White Background



This preview shows how the CIELCh color 96, 6.210, 297.055 looks on a white background.

Color Contrast Check

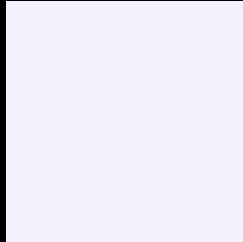
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 96, 6.210, 297.055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

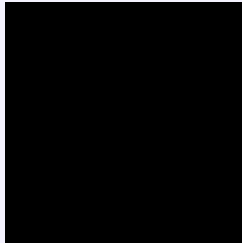
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

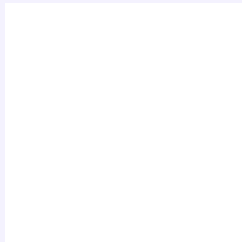
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 6.210, 297.055

Background



This preview shows how black text looks on a background with the CIELCh color 96, 6.210, 297.055.

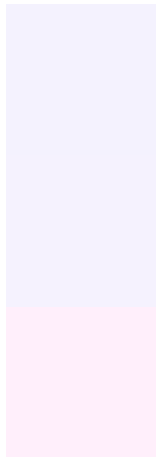


This preview shows how white text looks on a background with the CIELCh color 96, 6.210, 297.055.

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, 6.210, 297.055

Protanopia

96, 6.262, 300.203

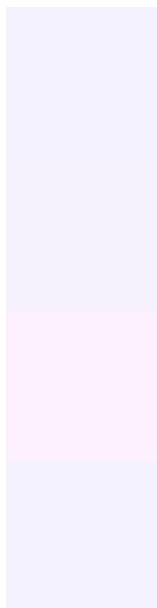
Deuteranopia

96, 8.376, 332.702



Tritanopia
96, 6.768, 299.507

Trichromacy



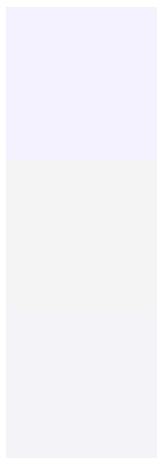
Original Color
96, 6.210, 297.055

Protanomaly
96, 6.262, 300.203

Deuteranomaly
96, 7.300, 322.379

Tritanomaly
96, 6.768, 299.507

Monochromacy



Original Color
96, 6.210, 297.055

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 2.600, 298.125

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 6.210, 297.055 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(244, 242, 254)` looks like.

```
.text, #text, p{  
    color:rgb(244, 242, 254)  
}
```

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(244, 242, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 242, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 6.210, 297.055 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(244, 242, 254) }
```

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

```
.border{ border-color:rgb(244, 242, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 242, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 242, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 242, 254);  
box-shadow:4px 4px 4px 4px rgb(244, 242,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 6.210, 297.055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 242, 254) }
```

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

```
.background{ background-color: rgb(244,  
242, 254) }
```

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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