

Converting Colors

CIELCh(96, 4.919, 299.147)

Have a look what the booklet for
CIELCh(96, 4.919, 299.147) contains.

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Color

CIELCh(96, 5.192, 298.265)

Conversions

Conversions Part 1

Format	Color
Hex	F4F2FC
RGB	244, 242, 252
RGB Percent	96%, 95%, 99%
CMY	0.0420, 0.0498, 0.0106
CMYK	0.03, 0.04, 0.00, 0.01
HSL	252°, 65%, 97%
HSV	252°, 4%, 99%
XYZ	86.8635, 90.0078, 105.1319
YIQ	243.7380, -2.0180, 3.5340

Conversions

Conversions Part 2

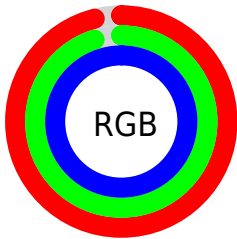
Format	Color
R _Y B	244, 242, 252
Decimal	16052988
CIE Lab	96.00, 2.46, -4.57
CIE LCh	96, 5.192, 298.265
Yxy	90.0078, 0.3080, 0.3192
Android (android.graphics.Color)	4294243068 (0xFFFF4F2FC)
YUV	243.7380, 4.0732, 0.2298
Hunter-Lab	94.8724, -2.5954, 0.7091

Details

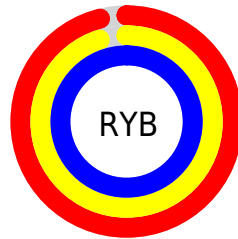
The CIELCh color `96, 5.192, 298.265` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `99, 5.127, 117.716`, and the grayscale version is `96, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `76, 4.919, 299.147` is the 20% darker color. If you saturate the color by 10%, you get `88, 18.614, 299.022`, and if you desaturate by 10%, it is `100, 1.362, 110.019`.

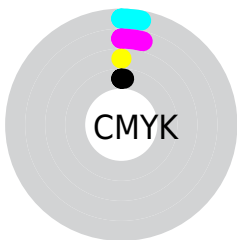
Distribution



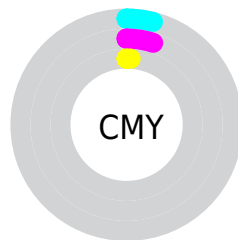
- Red (96%)
- Green (95%)
- Blue (99%)



- Red (96%)
- Yellow (95%)
- Blue (99%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)



- Cyan (4%)
- Magenta (5%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 5.192, 298.265 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, 5.192, 298.265 by changing the saturation by 10% instead.

 96, 5.192, 298.265

 96, 5.192, 298.265

100, 5.192,
298.265

 86, 5.192, 298.265

 76, 5.192, 298.265

 66, 5.192, 298.265

 56, 5.192, 298.265

 46, 5.192, 298.265

 36, 5.192, 298.265

 26, 5.192, 298.265

 16, 5.192, 298.265

 6, 5.192, 298.265

96, 5.192, 298.265

96, 5.192, 298.265

88, 18.614,
299.022

100, 1.362,
110.019

80, 32.567,
299.909

73, 47.053,
300.922

65, 62.027,
302.060

58, 77.341,
303.300

50, 92.627,
304.582

44, 107.113,
305.782

39, 119.449,
306.704

■ 35,127.889,
307.112

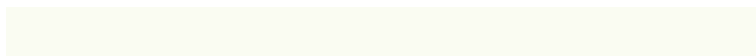
Harmonies

Complementary

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



96, 5.192, 298.265



99, 5.127, 117.716

Rectangle

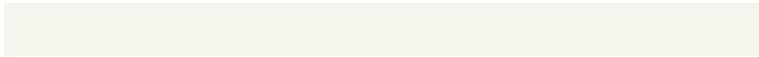
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



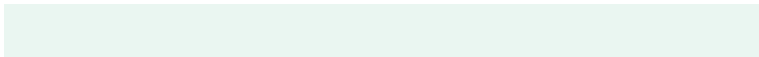
96, 5.192, 298.265



96, 5.192, 348.265



96, 5.192, 118.265



96, 5.192, 168.265

Sweetspot

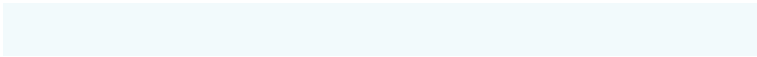
The Sweet Spot groups the original color and five complimentary colors.



96, 5.190, 298.253



99, 1.322, 298.039



98, 2.966, 217.849



53, 0.752, 298.035



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, 5.190, 298.253



96, 6.615, 298.328



96, 5.684, 315.332



50, 4.444, 298.379



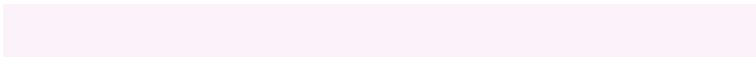
24, 105.123, 307.246



4, 42.563, 304.940

Inverse Universe

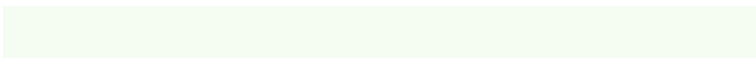
The Inverse Universe completely reimagines the original color for something new.



97, 5.428, 330.697



97, 6.913, 330.776



98, 5.646, 135.076



50, 4.641, 330.825



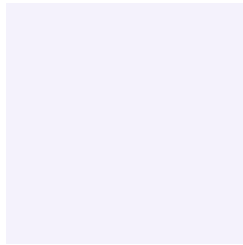
43, 78.916, 338.155



11, 36.386, 336.660

Previews

White Background



This preview shows how the CIELCh color 96, 5.192, 298.265 looks on a white background.

Color Contrast Check

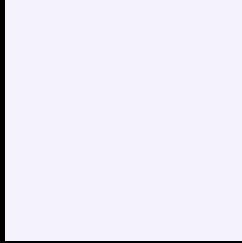
Large Text (above 18pt) WCAG AA × Fail

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, 5.192, 298.265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

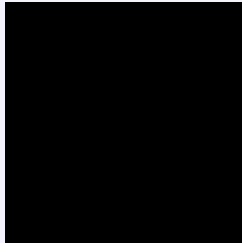
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

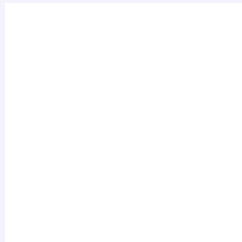
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 5.192, 298.265

Background



This preview shows how black text looks on a background with the CIELCh color 96, 5.192, 298.265.

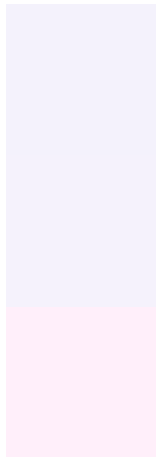


This preview shows how white text looks on a background with the CIELCh color 96, 5.192, 298.265.

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, 5.192, 298.265

Protanopia

96, 5.254, 302.020

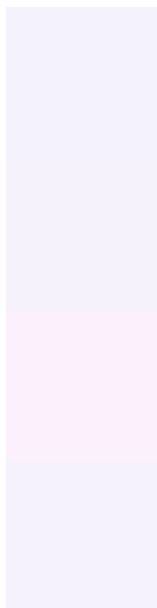
Deuteranopia

96, 8.008, 335.179



Tritanopia
96, 6.768, 299.507

Trichromacy



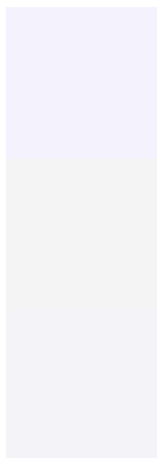
Original Color
96, 5.192, 298.265

Protanomaly
96, 5.254, 302.020

Deuteranomaly
96, 6.872, 324.639

Tritanomaly
96, 6.262, 300.203

Monochromacy



Original Color
96, 5.192, 298.265

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 2.094, 299.993

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 5.192, 298.265 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, 252)` looks like.

```
.text, #text, p{  
    color:rgb(244, 242, 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(244, 242, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 242, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 5.192, 298.265 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, 252) }
```

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

```
.border{ border-color:rgb(244, 242, 252) }
```

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, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 242, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 242, 252);  
box-shadow:4px 4px 4px 4px rgb(244, 242,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 5.192, 298.265 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, 252) }
```

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

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