

Converting Colors

CIELCh(96, 6.567, 294.670)

Have a look what the booklet for
CIELCh(96, 6.567, 294.670) contains.

CIELCh(96, 6.719, 296.596)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(96, 6.719, 296.596)

Conversions

Conversions Part 1

Format	Color
Hex	F4F2FF
RGB	244, 242, 255
RGB Percent	96%, 95%, 100%
CMY	0.0429, 0.0507, 0.0000
CMYK	0.04, 0.05, 0.00, 0.00
HSL	249°, 100%, 97%
HSV	249°, 5%, 100%
XYZ	87.1589, 90.0078, 107.4383
YIQ	244.0800, -2.9810, 4.4670

Conversions

Conversions Part 2

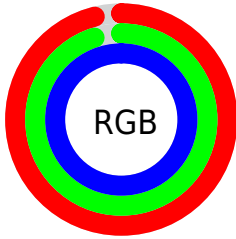
Format	Color
R _Y B	244, 242, 255
Decimal	16052991
CIE Lab	96.00, 3.01, -6.01
CIE LCh	96, 6.719, 296.596
Yxy	90.0078, 0.3062, 0.3163
Android (android.graphics.Color)	4294243071 (0xFFFF4F2FF)
YUV	244.0800, 5.3836, -0.0702
Hunter-Lab	94.8724, -2.0396, -0.7322

Details

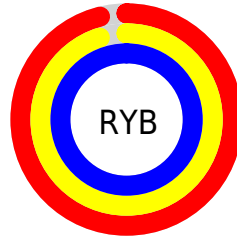
The CIELCh color `96, 6.719, 296.596` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `100, 6.594, 115.853`, and the grayscale version is `96, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `76, 6.521, 297.151` is the 20% darker color. If you saturate the color by 10%, you get `88, 20.239, 297.464`, and if you desaturate by 10%, it is `100, 0.012, 296.813`.

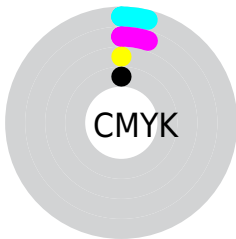
Distribution



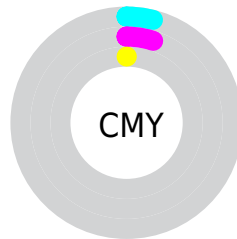
- Red (96%)
- Green (95%)
- Blue (100%)



- 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, 6.719, 296.596 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, 6.719, 296.596 by changing the saturation by 10% instead.


 96, 6.719, 296.596

 96, 6.719, 296.596

100, 6.719,
296.596

 86, 6.719, 296.596


 76, 6.719, 296.596

 66, 6.719, 296.596


 56, 6.719, 296.596

 46, 6.719, 296.596

 36, 6.719, 296.596

 26, 6.719, 296.596

 16, 6.719, 296.596

 6, 6.719, 296.596

96, 6.719, 296.596

96, 6.719, 296.596

88, 20.239,
297.464

100, 0.012,
296.813

80, 34.344,
298.453

72, 49.010,
299.590

64, 64.200,
300.877

57, 79.764,
302.290

49, 95.309,
303.760

43, 109.982,
305.146

38, 122.270,
306.221

■ 34, 130.281,
306.729

Harmonies

Complementary

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



96, 6.719, 296.596



100, 6.594, 115.853

Rectangle

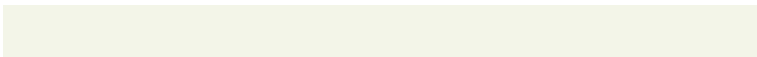
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



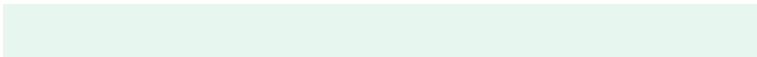
96, 6.719, 296.596



96, 6.719, 346.596



96, 6.719, 116.596



96, 6.719, 166.596

Sweetspot

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



96, 6.685, 296.613



98, 2.627, 296.378



99, 3.902, 214.031



52, 1.494, 296.370



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, 6.685, 296.613



95, 7.920, 296.686



96, 7.283, 314.313



50, 5.259, 296.739



24, 106.729, 306.903



4, 44.469, 304.701

Inverse Universe

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



97, 7.243, 329.240



96, 8.572, 329.304



99, 7.231, 133.946



51, 5.688, 329.348



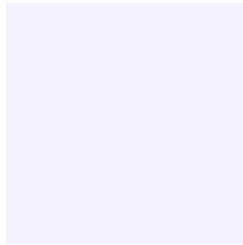
44, 82.483, 335.523



12, 38.494, 334.512

Previews

White Background



This preview shows how the CIE LCh color 96, 6.719, 296.596 looks on a white background.

Color Contrast Check

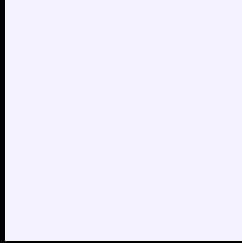
Large Text (above 18pt) WCAG AA × Fail

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, 6.719, 296.596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

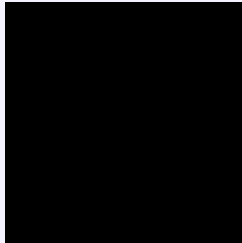
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 6.719, 296.596

Background



This preview shows how black text looks on a background with the CIELCh color 96, 6.719, 296.596.



This preview shows how white text looks on a background with the CIELCh color 96, 6.719, 296.596.

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, 6.719, 296.596

Protanopia

96, 6.719, 296.596

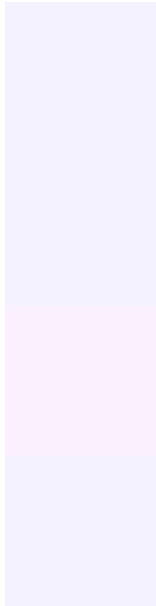
Deuteranopia

96, 8.758, 330.441



Tritanopia
96, 6.719, 296.596

Trichromacy



Original Color
96, 6.719, 296.596

Protanomaly
96, 6.719, 296.596

Deuteranomaly
96, 7.738, 320.376

Tritanomaly
96, 6.719, 296.596

Monochromacy



Original Color
96, 6.719, 296.596

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, 6.719, 296.596 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(244, 242, 255)  
}
```

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, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 242, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 6.719, 296.596 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, 255) }
```

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

```
.border{ border-color:rgb(244, 242, 255) }
```

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, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 242, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 242, 255);  
box-shadow:4px 4px 4px 4px rgb(244, 242,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 6.719, 296.596 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, 255) }
```

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

```
.background{ background-color: rgb(244,  
242, 255) }
```

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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