

Converting Colors

CIELCh(96, 3.877, 286.146)

Have a look what the booklet for
CIELCh(96, 3.877, 286.146) contains.

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Color

CIELCh(96, 4.117, 285.677)

Conversions

Conversions Part 1

Format	Color
Hex	F2F3FB
RGB	242, 243, 251
RGB Percent	95%, 95%, 98%
CMY	0.0507, 0.0467, 0.0154
CMYK	0.04, 0.03, 0.00, 0.02
HSL	233°, 53%, 97%
HSV	233°, 4%, 98%
XYZ	86.1425, 90.0078, 104.1631
YIQ	243.6130, -3.1640, 2.2760

Conversions

Conversions Part 2

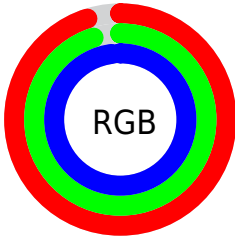
Format	Color
R _Y B	242, 243, 251
Decimal	15922171
CIE Lab	96.00, 1.11, -3.96
CIE LCh	96, 4.117, 285.677
Yxy	90.0078, 0.3073, 0.3211
Android (android.graphics.Color)	4294112251 (0xFFFF2F3FB)
YUV	243.6130, 3.6418, -1.4146
Hunter-Lab	94.8724, -3.9519, 1.3146

Details

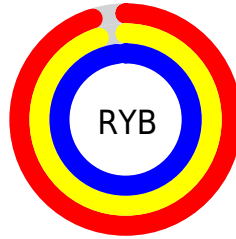
The CIELCh color **96, 4.117, 285.677** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 4.070, 104.829**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 4.322, 285.777** is the 20% darker color. If you saturate the color by 10%, you get **89, 15.840, 286.831**, and if you desaturate by 10%, it is **100, 1.978, 109.991**.

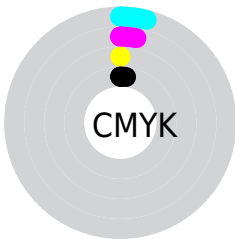
Distribution



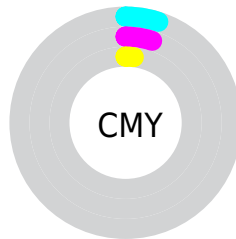
- Red (95%)
- Green (95%)
- Blue (98%)



- Red (95%)
- Yellow (95%)
- Blue (98%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (2%)



- Cyan (5%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 4.117, 285.677 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, 4.117, 285.677 by changing the saturation by 10% instead.

96, 4.117, 285.677

96, 4.117, 285.677

100, 4.117,
285.677

86, 4.117, 285.677

76, 4.117, 285.677

66, 4.117, 285.677

56, 4.117, 285.677

46, 4.117, 285.677

36, 4.117, 285.677

26, 4.117, 285.677

16, 4.117, 285.677

6, 4.117, 285.677

96, 4.117, 285.677

96, 4.117, 285.677

89, 15.840,
286.831

100, 1.978,
109.991

81, 27.997,
288.236

74, 40.626,
289.889

66, 53.762,
291.819

59, 67.418,
294.040

52, 81.520,
296.524

46, 95.766,
299.167

40, 109.384,
301.756

■ 36,120.945,
303.984

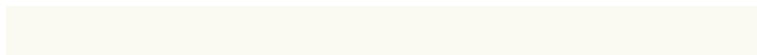
Harmonies

Complementary

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



96, 4.117, 285.677



98, 4.070, 104.829

Rectangle

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



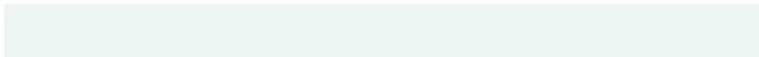
96, 4.117, 285.677



96, 4.117, 335.677



96, 4.117, 105.677



96, 4.117, 155.677

Sweetspot

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



96, 4.115, 285.656



99, 1.166, 285.458



98, 3.180, 189.710



53, 0.663, 285.459



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, 4.115, 285.656



97, 4.652, 285.699



96, 4.792, 305.055



50, 3.255, 285.777



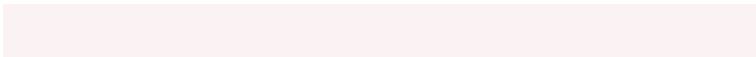
24, 101.037, 304.765



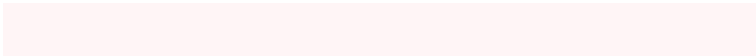
4, 38.724, 298.858

Inverse Universe

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



96, 3.238, 10.313



97, 3.664, 10.369



98, 4.742, 124.734



50, 2.567, 10.460



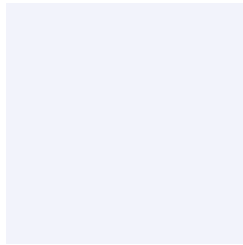
39, 78.588, 35.306



9, 31.451, 21.606

Previews

White Background



This preview shows how the CIE LCh color 96, 4.117, 285.677 looks on a white background.

Color Contrast Check

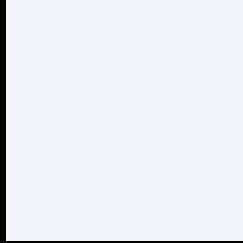
Large Text (above 18pt) WCAG AA × Fail

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, 4.117, 285.677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

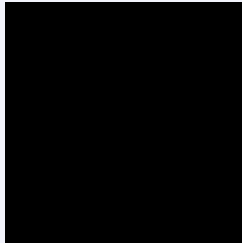
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

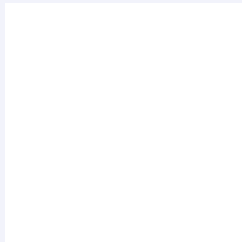
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 4.117, 285.677

Background



This preview shows how black text looks on a background with the CIELCh color 96, 4.117, 285.677.

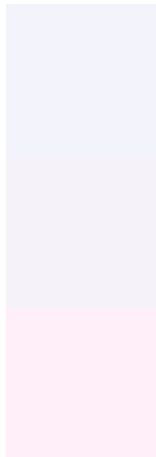


This preview shows how white text looks on a background with the CIELCh color 96, 4.117, 285.677.

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, 4.117, 285.677

Protanopia

96, 4.358, 309.177

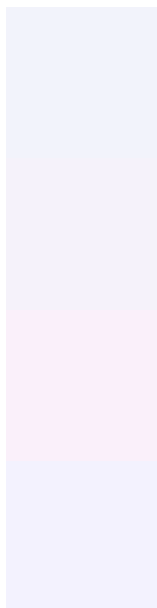
Deuteranopia

96, 7.657, 337.891



Tritanopia
96, 6.719, 296.596

Trichromacy



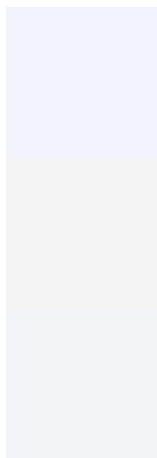
Original Color
96, 4.117, 285.677

Protanomaly
96, 4.255, 304.730

Deuteranomaly
96, 6.251, 324.614

Tritanomaly
96, 6.176, 293.868

Monochromacy



Original Color
96, 4.117, 285.677

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 1.580, 277.559

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 4.117, 285.677 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(242, 243, 251)` looks like.

```
.text, #text, p{  
    color:rgb(242, 243, 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(242, 243, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 243, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 4.117, 285.677 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(242, 243, 251) }
```

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

```
.border{ border-color:rgb(242, 243, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 243, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 243, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 243, 251);  
box-shadow:4px 4px 4px 4px rgb(242, 243,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 4.117, 285.677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 243, 251) }
```

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

```
.background{ background-color: rgb(242,  
243, 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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