

Converting Colors

CIELCh(96, 4.723, 281.134)

Have a look what the booklet for
CIELCh(96, 4.723, 281.134) contains.

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Color

CIELCh(96, 4.661, 282.010)

Conversions

Conversions Part 1

Format	Color
Hex	F1F3FC
RGB	241, 243, 252
RGB Percent	95%, 95%, 99%
CMY	0.0541, 0.0462, 0.0109
CMYK	0.04, 0.04, 0.00, 0.01
HSL	229°, 66%, 97%
HSV	229°, 4%, 99%
XYZ	86.0664, 90.0078, 105.1096
YIQ	243.4280, -4.0810, 2.3750

Conversions

Conversions Part 2

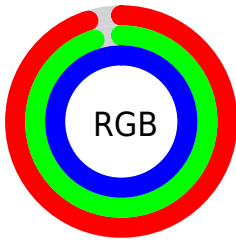
Format	Color
R _Y B	241, 243, 252
Decimal	15856636
CIE Lab	96.00, 0.97, -4.56
CIE LCh	96, 4.661, 282.010
Yxy	90.0078, 0.3061, 0.3201
Android (android.graphics.Color)	4294046716 (0xFFFF1F3FC)
YUV	243.4280, 4.2260, -2.1294
Hunter-Lab	94.8724, -4.0952, 0.7230

Details

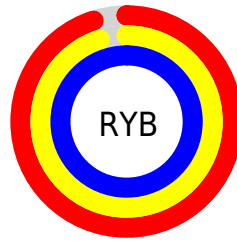
The CIELCh color **96, 4.661, 282.010** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 4.615, 100.929**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 4.362, 281.027** is the 20% darker color. If you saturate the color by 10%, you get **89, 15.550, 283.244**, and if you desaturate by 10%, it is **100, 1.401, 110.018**.

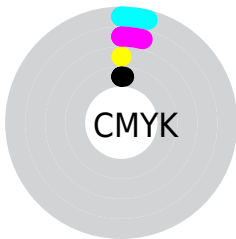
Distribution



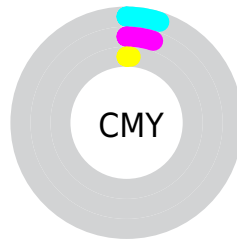
- Red (95%)
- Green (95%)
- Blue (99%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 4.661, 282.010 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, 4.661, 282.010 by changing the saturation by 10% instead.

96, 4.661, 282.010

96, 4.661, 282.010

100, 4.661,
282.010

86, 4.661, 282.010

76, 4.661, 282.010

66, 4.661, 282.010

56, 4.661, 282.010

46, 4.661, 282.010

36, 4.661, 282.010

26, 4.661, 282.010

16, 4.661, 282.010

6, 4.661, 282.010

96, 4.661, 282.010

96, 4.661, 282.010

89, 15.550,
283.244

100, 1.401,
110.018

82, 26.791,
284.739

75, 38.412,
286.494

68, 50.450,
288.544

61, 62.935,
290.910

55, 75.859,
293.580

48, 89.082,
296.474

43, 102.173,
299.420

■ 38, 114.217,
302.151

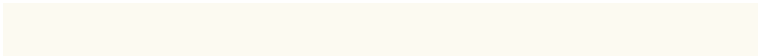
Harmonies

Complementary

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



96, 4.661, 282.010



98, 4.615, 100.929

Rectangle

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



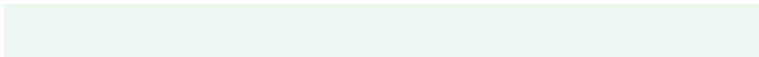
96, 4.661, 282.010



96, 4.661, 332.010



96, 4.661, 102.010



96, 4.661, 152.010

Sweetspot

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



96, 4.659, 281.990



99, 1.081, 281.728



98, 3.970, 184.301



53, 0.615, 281.731



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, 4.659, 281.990



96, 5.392, 282.061



96, 5.796, 302.661



50, 3.621, 282.140



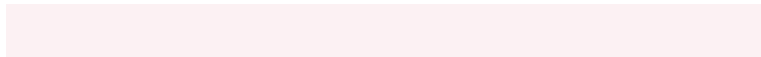
26, 95.198, 303.034



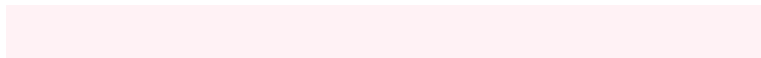
5, 36.606, 297.320

Inverse Universe

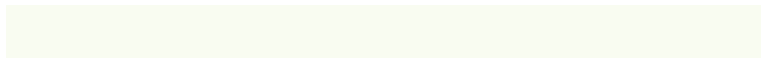
The Inverse Universe completely reimagines the original color for something new.



96, 4.046, 4.863



97, 4.688, 4.942



99, 5.730, 122.197



50, 3.152, 5.024



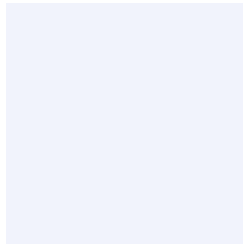
39, 75.043, 30.847



9, 31.079, 18.611

Previews

White Background



This preview shows how the CIE LCh color 96, 4.661, 282.010 looks on a white background.

Color Contrast Check

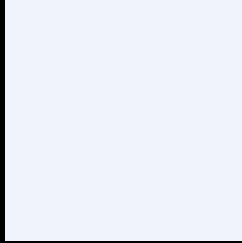
Large Text (above 18pt) WCAG AA × Fail

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, 4.661, 282.010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

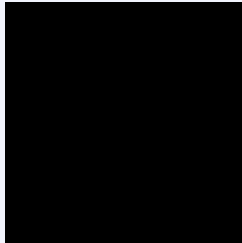
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

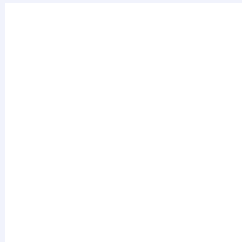
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 4.661, 282.010

Background



This preview shows how black text looks on a background with the CIELCh color 96, 4.661, 282.010.

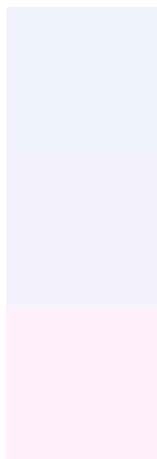


This preview shows how white text looks on a background with the CIELCh color 96, 4.661, 282.010.

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, 4.661, 282.010

Protanopia

96, 5.254, 302.020

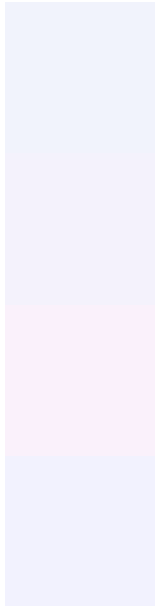
Deuteranopia

96, 8.008, 335.179



Tritanopia
96, 6.688, 293.655

Trichromacy



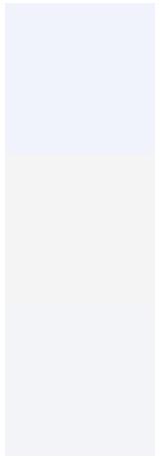
Original Color
96, 4.661, 282.010

Protanomaly
96, 5.192, 298.265

Deuteranomaly
96, 6.054, 321.863

Tritanomaly
96, 6.161, 290.662

Monochromacy



Original Color
96, 4.661, 282.010

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, 4.661, 282.010 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(241, 243, 252)` looks like.

```
.text, #text, p{  
    color:rgb(241, 243, 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(241, 243, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 243, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 4.661, 282.010 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(241, 243, 252) }
```

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

```
.border{ border-color:rgb(241, 243, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 243, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 243, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 243, 252);  
box-shadow:4px 4px 4px 4px rgb(241, 243,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 4.661, 282.010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 243, 252) }
```

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

```
.background{ background-color: rgb(241,  
243, 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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