

Converting Colors

CIELCh(96, 3.737, 276.620)

Have a look what the booklet for
CIELCh(96, 3.737, 276.620) contains.

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Color

CIELCh(96, 4.155, 280.908)

Conversions

Conversions Part 1

Format	Color
Hex	F1F3FB
RGB	241, 243, 251
RGB Percent	95%, 95%, 98%
CMY	0.0538, 0.0459, 0.0146
CMYK	0.04, 0.03, 0.00, 0.01
HSL	228°, 57%, 97%
HSV	228°, 4%, 99%
XYZ	85.9684, 90.0078, 104.3472
YIQ	243.3140, -3.7600, 2.0640

Conversions

Conversions Part 2

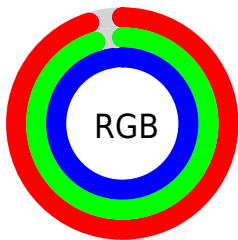
Format	Color
R _Y B	241, 243, 251
Decimal	15856635
CIE Lab	96.00, 0.79, -4.08
CIE LCh	96, 4.155, 280.908
Yxy	90.0078, 0.3067, 0.3211
Android (android.graphics.Color)	4294046715 (0xFFFF1F3FB)
YUV	243.3140, 3.7892, -2.0294
Hunter-Lab	94.8724, -4.2795, 1.1995

Details

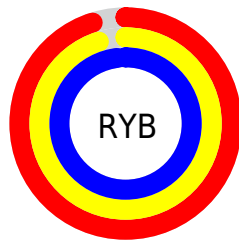
The CIELCh color **96, 4.155, 280.908** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **98, 4.116, 99.885**, and the grayscale version is **96, 0.011, 296.813**.

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, 14.774, 282.143**, and if you desaturate by 10%, it is **100, 1.871, 109.997**.

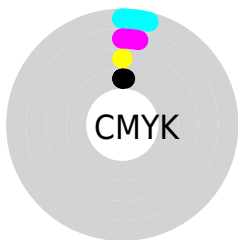
Distribution



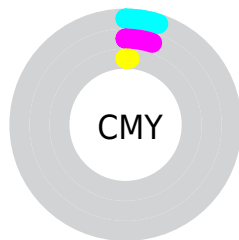
- Red (95%)
- Green (95%)
- Blue (98%)



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



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




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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 4.155, 280.908 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, 4.155, 280.908 by changing the saturation by 10% instead.

 96, 4.155, 280.908

 96, 4.155, 280.908

 100, 4.155,
280.908

 86, 4.155, 280.908

 76, 4.155, 280.908

 66, 4.155, 280.908

 56, 4.155, 280.908

 46, 4.155, 280.908

 36, 4.155, 280.908

 26, 4.155, 280.908

 16, 4.155, 280.908

 6, 4.155, 280.908

96, 4.155, 280.908

96, 4.155, 280.908

89, 14.774,
282.143

100, 1.871,
109.997

82, 25.719,
283.647

75, 37.016,
285.413

69, 48.701,
287.477

62, 60.807,
289.862

55, 73.339,
292.562

49, 86.202,
295.509

44, 99.056,
298.545

■ 39,111.135,
301.416

Harmonies

Complementary

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



96, 4.155, 280.908



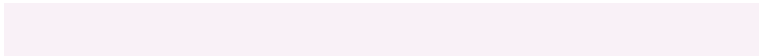
98, 4.116, 99.885

Rectangle

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



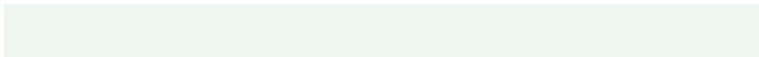
96, 4.155, 280.908



96, 4.155, 330.908



96, 4.155, 100.908



96, 4.155, 150.908

Sweetspot

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



96, 4.153, 280.885



99, 1.060, 280.671



98, 3.664, 181.794



53, 0.603, 280.674



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, 4.153, 280.885



97, 5.285, 280.999



96, 5.246, 301.401



50, 3.549, 281.079



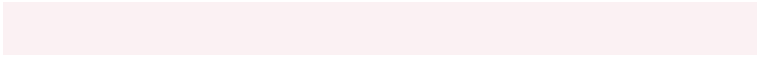
27, 93.410, 302.466



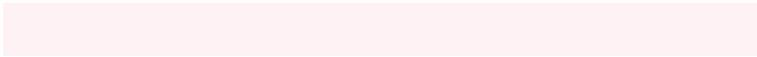
5, 36.011, 296.840

Inverse Universe

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



96, 3.702, 3.421



97, 4.719, 3.551



98, 5.186, 120.951



50, 3.172, 3.633



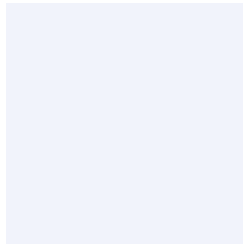
39, 74.145, 29.513



9, 30.990, 17.756

Previews

White Background



This preview shows how the CIELCh color 96, 4.155, 280.908 looks on a white background.

Color Contrast Check

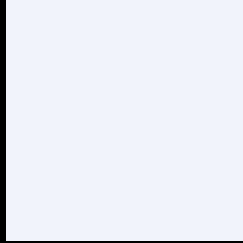
Large Text (above 18pt) WCAG AA × Fail

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, 4.155, 280.908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

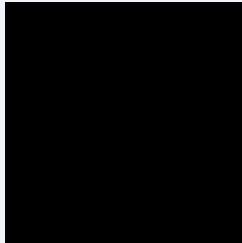
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

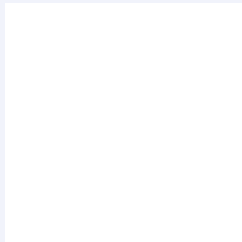
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 4.155, 280.908

Background



This preview shows how black text looks on a background with the CIELCh color 96, 4.155, 280.908.

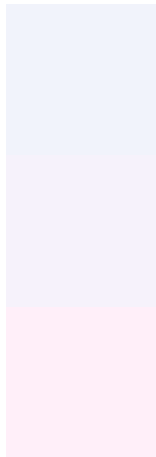


This preview shows how white text looks on a background with the CIELCh color 96, 4.155, 280.908.

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, 4.155, 280.908

Protanopia

96, 4.846, 307.247

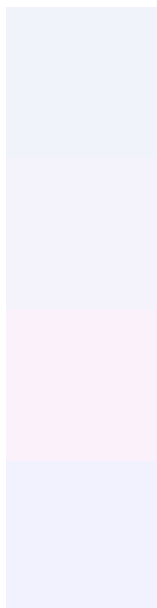
Deuteranopia

96, 7.657, 337.891



Tritanopia
96, 6.688, 293.655

Trichromacy



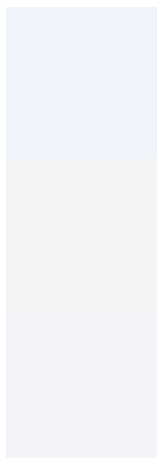
Original Color
96, 4.155, 280.908

Protanomaly
96, 4.685, 299.080

Deuteranomaly
96, 5.625, 324.586

Tritanomaly
96, 6.161, 290.662

Monochromacy



Original Color
96, 4.155, 280.908

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, 4.155, 280.908 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, 251)` looks like.

```
.text, #text, p{  
    color:rgb(241, 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(241, 243, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 243, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 4.155, 280.908 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, 251) }
```

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

```
.border{ border-color:rgb(241, 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(241, 243, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 243, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 243, 251);  
box-shadow:4px 4px 4px 4px rgb(241, 243,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 4.155, 280.908 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, 251) }
```

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

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