

Converting Colors

CIELCh(96, 5.916, 287.936)

Have a look what the booklet for
CIELCh(96, 5.916, 287.936) contains.

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Color

CIELCh(96, 5.650, 287.121)

Conversions

Conversions Part 1

Format	Color
Hex	F2F3FE
RGB	242, 243, 254
RGB Percent	95%, 95%, 100%
CMY	0.0516, 0.0476, 0.0045
CMYK	0.05, 0.04, 0.00, 0.00
HSL	235°, 84%, 97%
HSV	235°, 5%, 100%
XYZ	86.4370, 90.0078, 106.4564
YIQ	243.9550, -4.1270, 3.2090

Conversions

Conversions Part 2

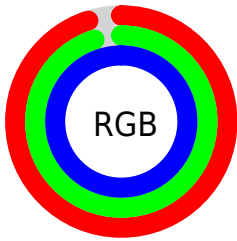
Format	Color
R_{YB}	242, 243, 254
Decimal	15922174
CIE _{Lab}	96.00, 1.66, -5.40
CIE _{LCh}	96, 5.650, 287.121
Yxy	90.0078, 0.3055, 0.3182
Android (android.graphics.Color)	4294112254 (0xFFFF2F3FE)
YUV	243.9550, 4.9522, -1.7145
Hunter-Lab	94.8724, -3.3978, -0.1186

Details

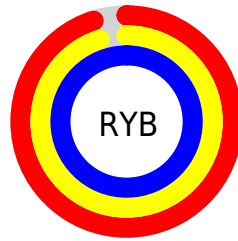
The CIELCh color **96, 5.650, 287.121** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **99, 5.580, 106.076**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 5.395, 286.851** is the 20% darker color. If you saturate the color by 10%, you get **88, 17.900, 288.290**, and if you desaturate by 10%, it is **100, 0.572, 110.000**.

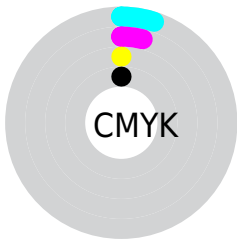
Distribution



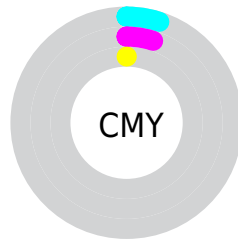
- Red (95%)
- Green (95%)
- Blue (100%)



- Red (95%)
- Yellow (95%)
- Blue (100%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (5%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 5.650, 287.121 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, 5.650, 287.121 by changing the saturation by 10% instead.

 96, 5.650, 287.121

 96, 5.650, 287.121

 100, 5.650,
287.121

 86, 5.650, 287.121

 76, 5.650, 287.121

 66, 5.650, 287.121

 56, 5.650, 287.121

 46, 5.650, 287.121

 36, 5.650, 287.121

 26, 5.650, 287.121

 16, 5.650, 287.121

 6, 5.650, 287.121

96, 5.650, 287.121

96, 5.650, 287.121

88, 17.900,
288.290

100, 0.572,
110.000

81, 30.627,
289.696

73, 43.871,
291.350

65, 57.663,
293.279

58, 71.994,
295.488

51, 86.727,
297.932

44, 101.405,
300.476

39, 114.972,
302.875

■ 35,125.675,
304.796

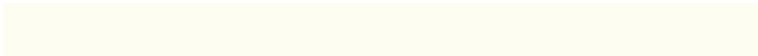
Harmonies

Complementary

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



96, 5.650, 287.121



99, 5.580, 106.076

Rectangle

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



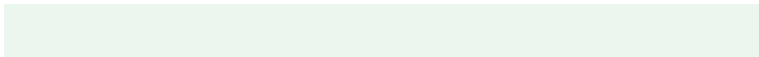
96, 5.650, 287.121



96, 5.650, 337.121



96, 5.650, 107.121



96, 5.650, 157.121

Sweetspot

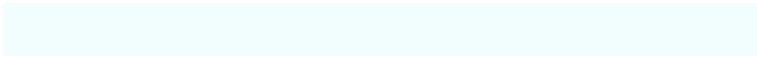
The Sweet Spot groups the original color and five complimentary colors.



96, 5.648, 287.106



99, 1.200, 286.785



99, 4.206, 190.934



53, 0.683, 286.785



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, 5.648, 287.106



95, 7.209, 287.244



96, 6.403, 305.720



50, 4.787, 287.316



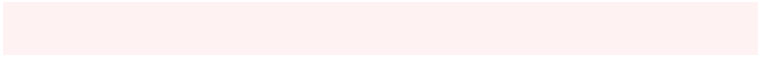
24, 103.877, 305.265



4, 41.469, 300.281

Inverse Universe

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



96, 4.300, 12.705



96, 5.502, 12.842



99, 6.334, 125.286



51, 3.657, 12.909



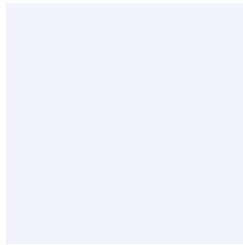
40, 80.734, 36.743



10, 32.715, 23.792

Previews

White Background



This preview shows how the CIE LCh color 96, 5.650, 287.121 looks on a white background.

Color Contrast Check

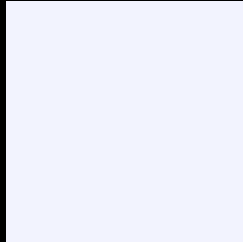
Large Text (above 18pt) WCAG AA × Fail

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, 5.650, 287.121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

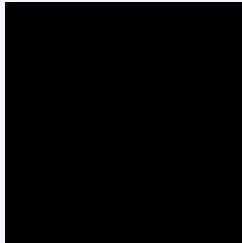
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 5.650, 287.121

Background



This preview shows how black text looks on a background with the CIELCh color 96, 5.650, 287.121.

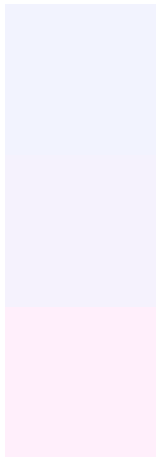


This preview shows how white text looks on a background with the CIELCh color 96, 5.650, 287.121.

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, 5.650, 287.121

Protanopia

96, 5.757, 301.029

Deuteranopia

96, 8.376, 332.702



Tritanopia
96, 6.688, 293.655

Trichromacy



Original Color
96, 5.650, 287.121

Protanomaly
96, 5.701, 297.602

Deuteranomaly
96, 7.119, 319.979

Tritanomaly
96, 6.688, 293.655

Monochromacy



Original Color
96, 5.650, 287.121

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 2.082, 280.720

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 5.650, 287.121 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(242, 243, 254)  
}
```

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, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 243, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 5.650, 287.121 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, 254) }
```

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

```
.border{ border-color:rgb(242, 243, 254) }
```

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, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 243, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 243, 254);  
box-shadow:4px 4px 4px 4px rgb(242, 243,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 5.650, 287.121 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, 254) }
```

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

```
.background{ background-color: rgb(242,  
243, 254) }
```

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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