

Converting Colors

CIELCh(96, 5.825, 285.823)

Have a look what the booklet for
CIELCh(96, 5.825, 285.823) contains.

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Color

CIELCh(96, 5.676, 283.644)

Conversions

Conversions Part 1

Format	Color
Hex	F1F3FE
RGB	241, 243, 254
RGB Percent	95%, 95%, 100%
CMY	0.0547, 0.0468, 0.0037
CMYK	0.05, 0.04, 0.00, 0.00
HSL	231°, 87%, 97%
HSV	231°, 5%, 100%
XYZ	86.2635, 90.0078, 106.6435
YIQ	243.6560, -4.7230, 2.9970

Conversions

Conversions Part 2

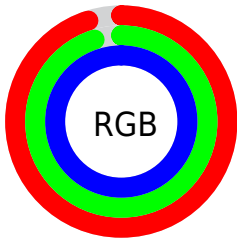
Format	Color
R _Y B	241, 243, 254
Decimal	15856638
CIE Lab	96.00, 1.34, -5.52
CIE LCh	96, 5.676, 283.644
Yxy	90.0078, 0.3049, 0.3181
Android (android.graphics.Color)	4294046718 (0xFFFF1F3FE)
YUV	243.6560, 5.0996, -2.3293
Hunter-Lab	94.8724, -3.7243, -0.2355

Details

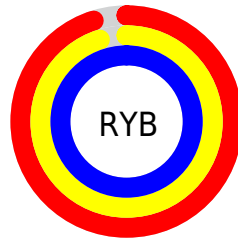
The CIELCh color **96, 5.676, 283.644** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **99, 5.615, 102.438**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 5.425, 283.046** is the 20% darker color. If you saturate the color by 10%, you get **89, 17.015, 284.879**, and if you desaturate by 10%, it is **100, 0.464, 109.977**.

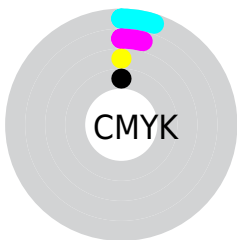
Distribution



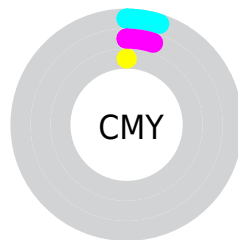
- Red (95%)
- Green (95%)
- Blue (100%)



- 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, 5.676, 283.644 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, 5.676, 283.644 by changing the saturation by 10% instead.

 96, 5.676, 283.644

 96, 5.676, 283.644

 100, 5.676,
283.644

 86, 5.676, 283.644

 76, 5.676, 283.644

 66, 5.676, 283.644

 56, 5.676, 283.644

 46, 5.676, 283.644

 36, 5.676, 283.644

 26, 5.676, 283.644

 16, 5.676, 283.644

 6, 5.676, 283.644

96, 5.676, 283.644

96, 5.676, 283.644

89, 17.015,
284.879

100, 0.464,
109.977

82, 28.746,
286.364

74, 40.902,
288.108

67, 53.519,
290.142

60, 66.621,
292.484

53, 80.164,
295.108

47, 93.923,
297.917

41, 107.287,
300.712

■ 37,119.071,
303.201

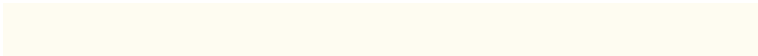
Harmonies

Complementary

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



96, 5.676, 283.644



99, 5.615, 102.438

Rectangle

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



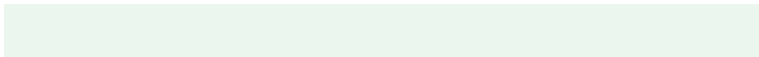
96, 5.676, 283.644



96, 5.676, 333.644



96, 5.676, 103.644



96, 5.676, 153.644

Sweetspot

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



96, 5.674, 283.628



99, 2.220, 283.315



99, 4.651, 185.517



53, 1.262, 283.308



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, 5.674, 283.628



96, 6.680, 283.728



96, 6.865, 303.320



51, 4.435, 283.804



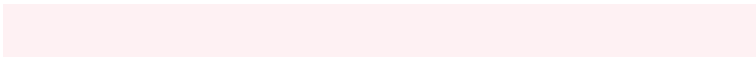
26, 98.786, 303.828



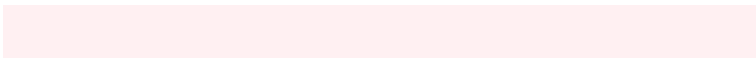
5, 39.221, 298.797

Inverse Universe

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



96, 4.742, 7.130



96, 5.591, 7.231



99, 6.782, 122.783



51, 3.715, 7.303



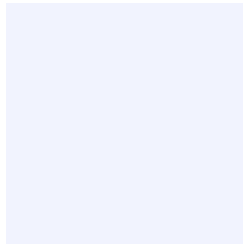
40, 77.265, 32.811



10, 32.255, 20.843

Previews

White Background



This preview shows how the CIELCh color 96, 5.676, 283.644 looks on a white background.

Color Contrast Check

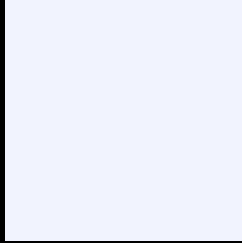
Large Text (above 18pt) WCAG AA × Fail

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, 5.676, 283.644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

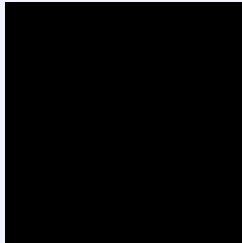
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

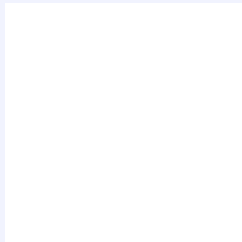
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 5.676, 283.644

Background



This preview shows how black text looks on a background with the CIELCh color 96, 5.676, 283.644.

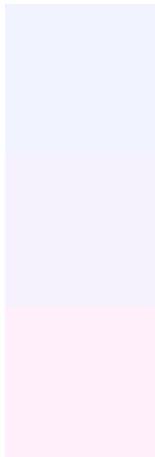


This preview shows how white text looks on a background with the CIELCh color 96, 5.676, 283.644.

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, 5.676, 283.644

Protanopia

96, 5.757, 301.029

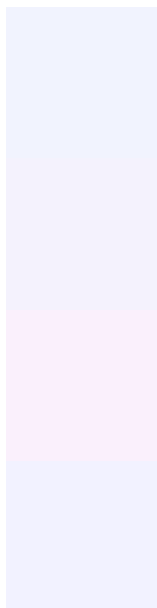
Deuteranopia

96, 8.376, 332.702



Tritanopia
96, 6.688, 293.655

Trichromacy



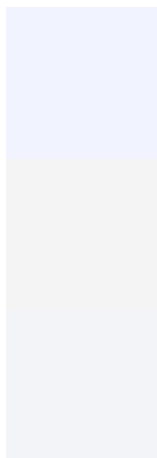
Original Color
96, 5.676, 283.644

Protanomaly
96, 5.701, 297.602

Deuteranomaly
96, 7.119, 319.979

Tritanomaly
96, 6.674, 290.701

Monochromacy



Original Color
96, 5.676, 283.644

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, 5.676, 283.644 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(241, 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(241, 243, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 243, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 5.676, 283.644 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, 254) }
```

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

```
.border{ border-color:rgb(241, 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(241, 243, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 243, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 243, 254);  
box-shadow:4px 4px 4px 4px rgb(241, 243,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 5.676, 283.644 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, 254) }
```

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

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