

Converting Colors

CIELCh(60, 121.271, 311.772)

Have a look what the booklet for
CIELCh(60, 121.271, 311.772)
contains.

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Color

CIELCh(56, 97.124, 315.721)

Conversions

Conversions Part 1

Format	Color
Hex	BC52FE
RGB	188, 82, 254
RGB Percent	74%, 32%, 100%
CMY	0.2625, 0.6780, 0.0036
CMYK	0.26, 0.68, 0.00, 0.00
HSL	277°, 99%, 66%
HSV	277°, 68%, 100%
XYZ	41.6840, 23.9124, 96.2505
YIQ	133.3020, 7.9640, 75.9640

Conversions

Conversions Part 2

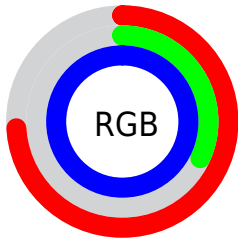
Format	Color
R _Y B	188, 82, 254
Decimal	12342014
CIE Lab	56.00, 69.54, -67.81
CIE LCh	56, 97.124, 315.721
Yxy	23.9124, 0.2576, 0.1477
Android (android.graphics.Color)	4290532094 (0xFFBC52FE)
YUV	133.3020, 59.5041, 47.9701
Hunter-Lab	48.9003, 66.5830, -82.4702

Details

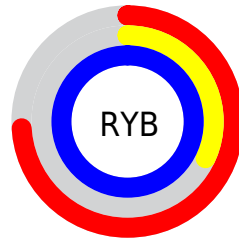
The CIELCh color **56, 97.124, 315.721** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **91, 90.776, 130.063**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 71.063, 325.085**, and **36, 97.026, 315.708** is the 20% darker color. If you saturate the color by 10%, you get **51, 108.071, 315.740**, and if you desaturate by 10%, it is **61, 84.148, 315.492**.

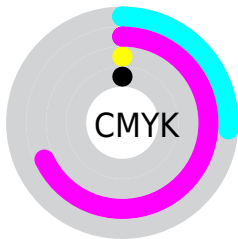
Distribution



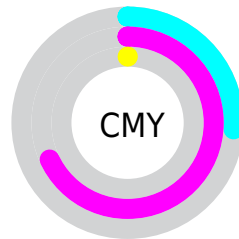
- Red (74%)
- Green (32%)
- Blue (100%)



- Red (74%)
- Yellow (32%)
- Blue (100%)



- Cyan (26%)
- Magenta (68%)
- Yellow (0%)
- Black (0%)





- Cyan (26%)
- Magenta (68%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 97.124, 315.721 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 56, 97.124, 315.721 by changing the saturation by 10% instead.


 56, 97.124,
315.721


 56, 97.124,
315.721


 100, 97.124,
315.721


 46, 97.124,
315.721


 76, 97.124,
315.721

 36, 97.124,
315.721

 86, 97.124,
315.721

 26, 97.124,
315.721

 96, 97.124,
315.721

 16, 97.124,
315.721

 6, 97.124, 315.721

 0, 97.124, 315.721

56, 97.124,
315.721

56, 97.124,
315.721

51, 108.071,
315.740

61, 84.148,
315.492

48, 116.124,
315.460

67, 69.964,
315.131

45, 120.777,
314.818

74, 55.199,
314.699

45, 121.593,
314.647

81, 40.279,
314.239

87, 25.473,
313.776

94, 10.937,
313.325

100, 0.456,
109.974

Harmonies

Complementary

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



56, 97.124, 315.721



91, 90.776, 130.063

Rectangle

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



56, 97.124, 315.721



56, 97.124, 5.721



56, 97.124, 135.721



56, 97.124, 185.721

Sweetspot

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



56, 97.123, 315.721



86, 28.970, 313.883



63, 58.736, 280.609



44, 19.822, 314.013



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56, 97.123, 315.721



50, 111.421, 315.684



64, 92.033, 331.163



49, 8.136, 313.407



33, 98.071, 314.832



7, 44.596, 316.124

Inverse Universe

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



61, 69.681, 0.875



57, 78.634, 5.338



89, 94.475, 140.635



50, 5.931, 351.249



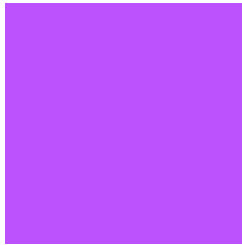
41, 68.556, 13.378



10, 31.283, 6.169

Previews

White Background



This preview shows how the CIELCh color 56, 97.124, 315.721 looks on a white background.

Color Contrast Check

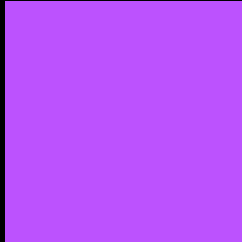
Large Text (above 18pt) WCAG AA ✓ Pass

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 56, 97.124, 315.721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

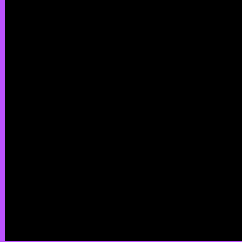
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 97.124, 315.721

Background



This preview shows how black text looks on a background with the CIELCh color 56, 97.124, 315.721.

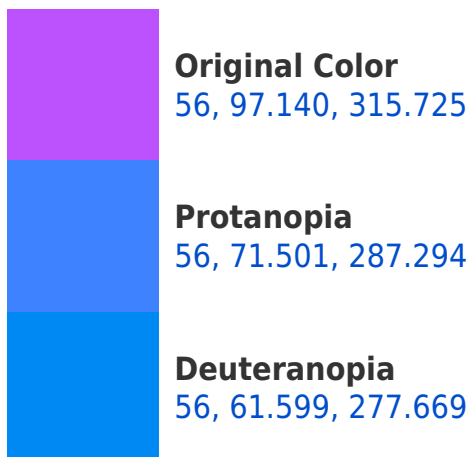



This preview shows how white text looks on a background with the CIELCh color 56, 97.124, 315.721.

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





Tritanopia
56, 19.020, 6.100

Trichromacy



Original Color
56, 97.140, 315.725



Protanomaly
54, 81.038, 298.062



Deuteranomaly
53, 74.387, 290.994



Tritanomaly
55, 45.836, 326.087

Monochromacy



Original Color
56, 97.140, 315.725



Achromatopsia
56, 0.007, 296.813



Achromatomaly
54, 38.830, 314.660

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 97.124, 315.721 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(188, 82, 254)` looks like.

```
.text, #text, p{  
    color:rgb(188, 82, 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(188, 82, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 82, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 97.124, 315.721 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(188, 82, 254) }
```

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

```
.border{ border-color:rgb(188, 82, 254) }
```

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

Here you see how a box with a 4 pixel rgb(188, 82, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 82, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 82, 254);  
box-shadow:4px 4px 4px 4px rgb(188, 82,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 97.124, 315.721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 82, 254) }
```

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

```
.background{ background-color: rgb(188, 82,  
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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