

Converting Colors

CIELCh(60, 99.266, 306.089)

Have a look what the booklet for
CIELCh(60, 99.266, 306.089)
contains.

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Color

CIELCh(58, 82.496, 307.331)

Conversions

Conversions Part 1

Format	Color
Hex	A06FFF
RGB	160, 111, 255
RGB Percent	63%, 44%, 100%
CMY	0.3741, 0.5665, 0.0000
CMYK	0.37, 0.57, 0.00, 0.00
HSL	260°, 100%, 72%
HSV	260°, 57%, 100%
XYZ	38.2016, 25.9610, 98.1236
YIQ	142.0670, -17.0200, 55.1720

Conversions

Conversions Part 2

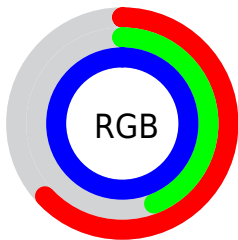
Format	Color
RYB	160, 111, 255
Decimal	10514431
CIELab	58.00, 50.03, -65.60
CIELCh	58, 82.496, 307.331
Yxy	25.9610, 0.2354, 0.1600
Android (android.graphics.Color)	4288704511 (0xFFA06FFF)
YUV	142.0670, 55.6760, 15.7272
Hunter-Lab	50.9519, 44.6659, -78.5148

Details

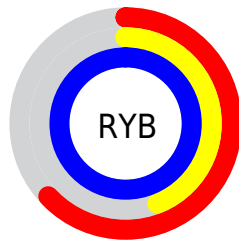
The CIELCh color **58, 82.496, 307.331** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **94, 72.673, 120.356**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 52.276, 314.231**, and **38, 82.012, 307.487** is the 20% darker color. If you saturate the color by 10%, you get **51, 96.831, 308.142**, and if you desaturate by 10%, it is **65, 67.060, 306.529**.

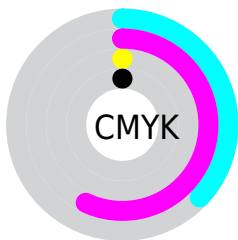
Distribution



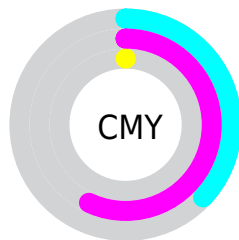
- Red (63%)
- Green (44%)
- Blue (100%)



- Red (63%)
- Yellow (44%)
- Blue (100%)



- Cyan (37%)
- Magenta (57%)
- Yellow (0%)
- Black (0%)





- Cyan (37%)
- Magenta (57%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 82.496, 307.331 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 58, 82.496, 307.331 by changing the saturation by 10% instead.


 58, 82.496,
307.331


 58, 82.496,
307.331


 100, 82.496,
307.331


 48, 82.496,
307.331


 78, 82.496,
307.331

 38, 82.496,
307.331

 88, 82.496,
307.331

 28, 82.496,
307.331

 98, 82.496,
307.331

 18, 82.496,
307.331

 8, 82.496, 307.331

 0, 82.496, 307.331

■ 58, 82.496,
307.331

■ 58, 82.496,
307.331

■ 51, 96.831,
308.142

■ 65, 67.060,
306.529

■ 45, 110.140,
308.752

■ 72, 51.982,
305.713

■ 41, 120.833,
309.031

■ 80, 37.208,
304.951

■ 37, 127.612,
308.817

■ 87, 22.858,
304.260

■ 36, 129.251,
308.688

■ 95, 8.978, 303.642

100, 0.012,
296.813

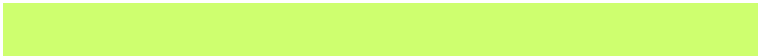
Harmonies

Complementary

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



58, 82.496, 307.331



94, 72.673, 120.356

Rectangle

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



58, 82.496, 307.331



58, 82.496, 357.331



58, 82.496, 127.331



58, 82.496, 177.331

Sweetspot

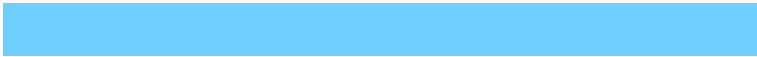
The Sweet Spot groups the original color and five complimentary colors.



58, 82.179, 307.362



87, 23.351, 304.283



79, 35.557, 244.926



45, 15.672, 304.417



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



58, 82.179, 307.362



50, 98.730, 308.237



66, 84.537, 322.176



49, 7.711, 303.812



26, 103.886, 308.856



5, 44.821, 308.662

Inverse Universe

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



67, 69.024, 340.892



63, 79.160, 342.325



91, 83.382, 136.193



50, 7.135, 336.582



42, 72.553, 347.978



11, 34.214, 344.852

Previews

White Background



This preview shows how the CIELCh color 58, 82.496, 307.331 looks on a white background.

Color Contrast Check

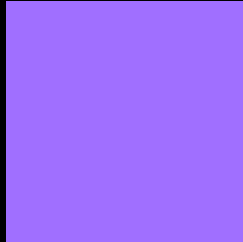
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 82.496, 307.331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

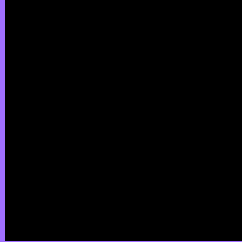
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 82.496, 307.331

Background



This preview shows how black text looks on a background with the CIELCh color 58, 82.496, 307.331.

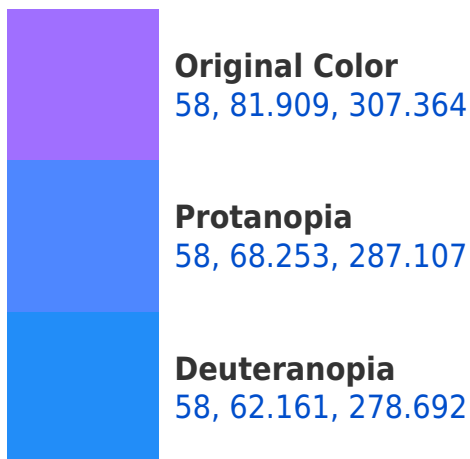



This preview shows how white text looks on a background with the CIELCh color 58, 82.496, 307.331.

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
58, 5.726, 283.255

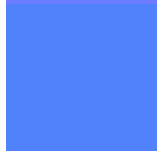
Trichromacy



Original Color
58, 81.909, 307.364



Protanomaly
57, 73.054, 294.563



Deuteranomaly
57, 69.009, 288.602



Tritanomaly
57, 34.216, 302.972

Monochromacy



Original Color
58, 81.909, 307.364



Achromatopsia
59, 0.008, 296.813



Achromatomaly
58, 30.317, 304.606

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 82.496, 307.331 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(160, 111, 255)` looks like.

```
.text, #text, p{  
    color:rgb(160, 111, 255)  
}
```

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(160, 111, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 111, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 82.496, 307.331 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(160, 111, 255) }
```

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

```
.border{ border-color:rgb(160, 111, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 111, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 111, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 111, 255);  
box-shadow:4px 4px 4px 4px rgb(160, 111,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 82.496, 307.331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 111, 255) }
```

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

```
.background{ background-color: rgb(160,  
111, 255) }
```

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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