

Converting Colors

CIELCh(60, 88.092, 316.089)

Have a look what the booklet for
CIELCh(60, 88.092, 316.089)
contains.

CIELCh(60, 88.157, 315.990)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(60, 88.157, 315.990)

Conversions

Conversions Part 1

Format	Color
Hex	C564FE
RGB	197, 100, 254
RGB Percent	77%, 39%, 100%
CMY	0.2276, 0.6080, 0.0041
CMYK	0.22, 0.61, 0.00, 0.00
HSL	278°, 99%, 69%
HSV	278°, 61%, 100%
XYZ	45.4492, 28.1233, 96.7616
YIQ	146.5590, 8.3780, 68.4580

Conversions

Conversions Part 2

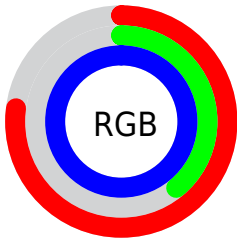
Format	Color
R _Y B	197, 100, 254
Decimal	12936446
CIE Lab	60.00, 63.40, -61.25
CIE LCh	60, 88.157, 315.990
Yxy	28.1233, 0.2668, 0.1651
Android (android.graphics.Color)	4291126526 (0xFFC564FE)
YUV	146.5590, 52.9684, 44.2368
Hunter-Lab	53.0314, 60.1738, -71.0591

Details

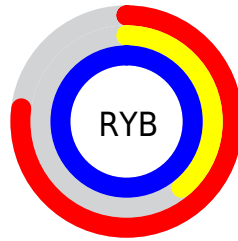
The CIELCh color **60, 88.157, 315.990** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **91, 83.141, 130.639**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 62.108, 326.555**, and **40, 87.779, 316.008** is the 20% darker color. If you saturate the color by 10%, you get **55, 100.531, 316.154**, and if you desaturate by 10%, it is **66, 74.313, 315.672**.

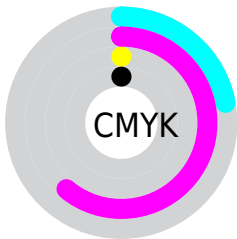
Distribution



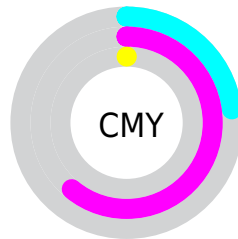
- Red (77%)
- Green (39%)
- Blue (100%)



- Red (77%)
- Yellow (39%)
- Blue (100%)



- Cyan (22%)
- Magenta (61%)
- Yellow (0%)
- Black (0%)





- Cyan (23%)
- Magenta (61%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 88.157, 315.990 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 60, 88.157, 315.990 by changing the saturation by 10% instead.

 60, 88.157,
315.990

 60, 88.157,
315.990


 100, 88.157,
315.990


 50, 88.157,
315.990


 80, 88.157,
315.990

 40, 88.157,
315.990

 90, 88.157,
315.990


 30, 88.157,
315.990

 20, 88.157,
315.990

 10, 88.157,
315.990

 0, 88.157, 315.990

 60, 88.157,

 60, 88.157,

315.990

■ 55, 100.531,
316.154

■ 51, 110.593,
316.085

■ 47, 117.542,
315.697

■ 45, 121.199,
315.040

315.990

■ 66, 74.313,
315.672

■ 72, 59.692,
315.266

■ 79, 44.783,
314.817

■ 85, 29.903,
314.359

■ 92, 15.243,
313.907

■ 99, 0.913, 313.289

■ 100, 0.518,
109.990

Harmonies

Complementary

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



60, 88.157, 315.990



91, 83.141, 130.639

Rectangle

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



60, 88.157, 315.990



60, 88.157, 5.990



60, 88.157, 135.990



60, 88.157, 185.990

Sweetspot

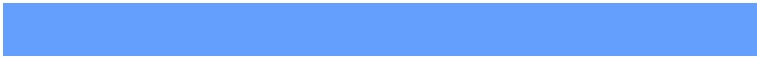
The Sweet Spot groups the original color and five complimentary colors.



60, 88.155, 315.990



88, 26.095, 314.239



65, 53.735, 279.625



45, 18.188, 314.371



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 88.155, 315.990



54, 103.488, 316.162



67, 84.051, 331.398



49, 8.163, 313.857



34, 97.795, 315.221



7, 44.531, 316.511

Inverse Universe

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



64, 63.477, 0.045



59, 73.659, 3.582



89, 85.458, 142.050



50, 5.884, 352.122



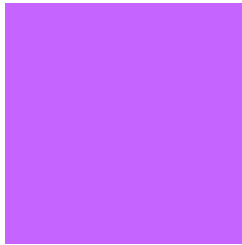
41, 68.798, 14.697



10, 31.285, 7.336

Previews

White Background



This preview shows how the CIELCh color 60, 88.157, 315.990 looks on a white background.

Color Contrast Check

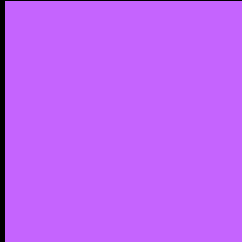
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 88.157, 315.990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

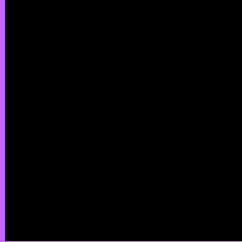
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 88.157, 315.990

Background



This preview shows how black text looks on a background with the CIELCh color 60, 88.157, 315.990.

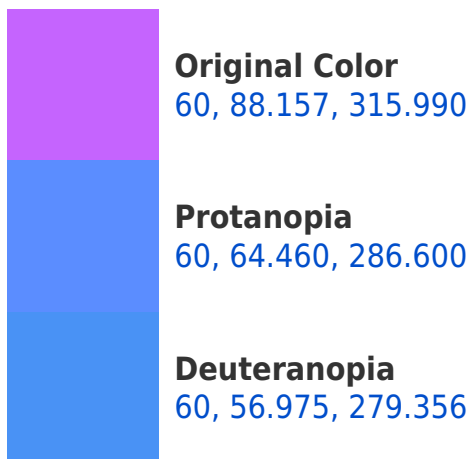


This preview shows how white text looks on a background with the CIELCh color 60, 88.157, 315.990.

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
60, 19.651, 5.069

Trichromacy



Original Color
60, 88.157, 315.990



Protanomaly
59, 72.795, 298.466



Deuteranomaly
58, 67.273, 294.901



Tritanomaly
59, 42.390, 327.634

Monochromacy



Original Color
60, 88.157, 315.990



Achromatopsia
61, 0.008, 296.813



Achromatomaly
59, 34.114, 314.611

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 88.157, 315.990 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(197, 100, 254)` looks like.

```
.text, #text, p{  
    color:rgb(197, 100, 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(197, 100, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 100, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 88.157, 315.990 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(197, 100, 254) }
```

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

```
.border{ border-color:rgb(197, 100, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 100, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 100, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 100, 254); box-shadow:4px 4px 4px 4px rgb(197, 100, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 88.157, 315.990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 100, 254) }
```

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

```
.background{ background-color: rgb(197,  
100, 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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