

Converting Colors

CIELCh(61, 87.043, 317.337)

Have a look what the booklet for
CIELCh(61, 87.043, 317.337)
contains.

CIELCh(61, 87.352, 317.432)	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(61, 87.352, 317.432)

Conversions

Conversions Part 1

Format	Color
Hex	CC65FD
RGB	204, 101, 253
RGB Percent	80%, 40%, 99%
CMY	0.1999, 0.6038, 0.0077
CMYK	0.19, 0.60, 0.00, 0.01
HSL	281°, 97%, 69%
HSV	281°, 60%, 99%
XYZ	47.3007, 29.2481, 96.1059
YIQ	149.1250, 12.5960, 69.1080

Conversions

Conversions Part 2

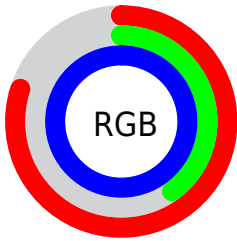
Format	Color
RYB	204, 101, 253
Decimal	13395453
CIELab	61.00, 64.33, -59.09
CIElCh	61, 87.352, 317.432
Yxy	29.2481, 0.2740, 0.1694
Android (android.graphics.Color)	4291585533 (0xFFCC65FD)
YUV	149.1250, 51.2104, 48.1254
Hunter-Lab	54.0815, 61.4766, -67.5045

Details

The CIELCh color $61, 87.352, 317.432$ is a light color, and the websafe version is hex `CC66FF`. A complement of this color would be $91, 83.389, 132.047$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 60.925, 326.516$, and $41, 87.515, 317.363$ is the 20% darker color. If you saturate the color by 10%, you get $56, 99.502, 317.577$, and if you desaturate by 10%, it is $67, 73.662, 317.138$.

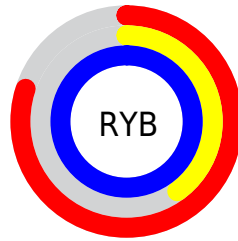
Distribution



Red (80%)

Green (40%)

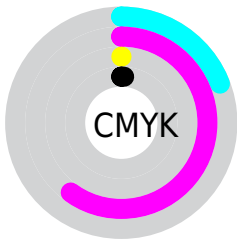
Blue (99%)



Red (80%)

Yellow (40%)

Blue (99%)

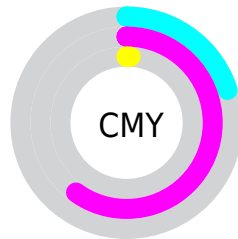


Cyan (19%)

Magenta (60%)

Yellow (0%)

Black (1%)



Cyan (20%)


Magenta (60%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 87.352, 317.432 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 61, 87.352, 317.432 by changing the saturation by 10% instead.


 61, 87.352,
317.432


 61, 87.352,
317.432


 100, 87.352,
317.432


 51, 87.352,
317.432


 81, 87.352,
317.432

 41, 87.352,
317.432

 91, 87.352,
317.432

 31, 87.352,
317.432

 21, 87.352,
317.432

 11, 87.352,
317.432

 1, 87.352, 317.432

 0, 87.352, 317.432

61, 87.352,
317.432

61, 87.352,
317.432

56, 99.502,
317.577

67, 73.662,
317.138

52, 109.311,
317.503

73, 59.118,
316.754

49, 116.049,
317.137

79, 44.217,
316.323

47, 119.693,
316.476

86, 29.290,
315.876

92, 14.548,
315.431

99, 0.112, 313.180

100, 0.988,
110.026

Harmonies

Complementary

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



61, 87.352, 317.432



91, 83.389, 132.047

Rectangle

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



61, 87.352, 317.432



61, 87.352, 7.432



61, 87.352, 137.432



61, 87.352, 187.432

Sweetspot

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



61, 87.350, 317.432



88, 26.382, 315.784



64, 57.105, 283.305



45, 18.382, 315.914



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 87.350, 317.432



56, 102.232, 317.582



66, 80.456, 333.286



49, 8.260, 315.406



35, 96.872, 316.644



8, 44.245, 317.865

Inverse Universe

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



64, 62.141, 3.487



59, 72.653, 7.089



89, 81.679, 143.580



50, 5.731, 355.279



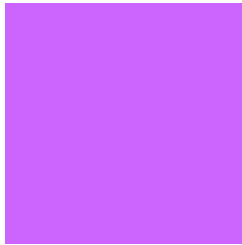
40, 69.969, 19.216



10, 31.379, 11.135

Previews

White Background



This preview shows how the CIELCh color 61, 87.352, 317.432 looks on a white background.

Color Contrast Check

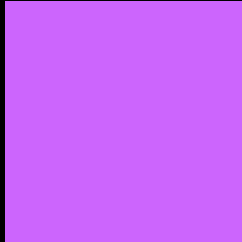
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 87.352, 317.432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

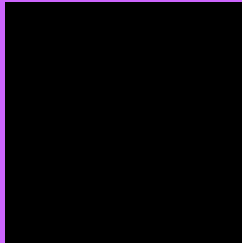
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 87.352, 317.432

Background



This preview shows how black text looks on a background with the CIELCh color 61, 87.352, 317.432.

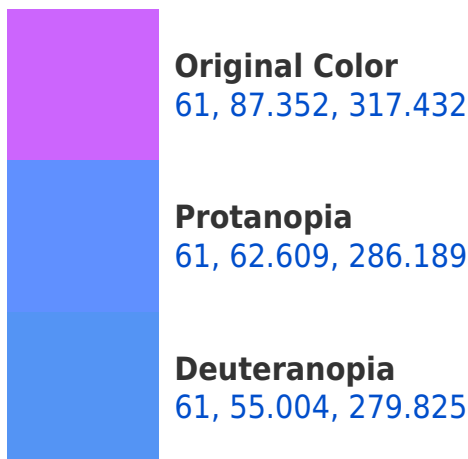


This preview shows how white text looks on a background with the CIELCh color 61, 87.352, 317.432.

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
61, 22.815, 7.847

Trichromacy



Original Color
61, 87.352, 317.432



Protanomaly
60, 71.000, 298.896



Deuteranomaly
59, 65.402, 296.291



Tritanomaly
60, 42.629, 331.217

Monochromacy



Original Color
61, 87.352, 317.432



Achromatopsia
62, 0.008, 296.813



Achromatomaly
60, 33.771, 316.113

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 87.352, 317.432 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(204, 101, 253)` looks like.

```
.text, #text, p{  
    color:rgb(204, 101, 253)  
}
```

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(204, 101, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 101, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 87.352, 317.432 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(204, 101, 253) }
```

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

```
.border{ border-color:rgb(204, 101, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 101, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 101, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 101, 253); box-shadow:4px 4px 4px 4px rgb(204, 101, 253) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 87.352, 317.432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 101, 253) }
```

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

```
.background{ background-color: rgb(204,  
101, 253) }
```

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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