

Converting Colors

CIELCh(63, 74.086, 318.343)

Have a look what the booklet for
CIELCh(63, 74.086, 318.343)
contains.

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Color

CIELCh(63, 74.107, 318.347)

Conversions

Conversions Part 1

Format	Color
Hex	CD73F1
RGB	205, 115, 241
RGB Percent	80%, 45%, 95%
CMY	0.1961, 0.5490, 0.0549
CMYK	0.15, 0.52, 0.00, 0.05
HSL	283°, 82%, 70%
HSV	283°, 52%, 95%
XYZ	47.1789, 31.5869, 86.8198
YIQ	156.2740, 13.1940, 58.2660

Conversions

Conversions Part 2

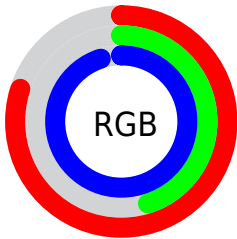
Format	Color
R_{YB}	205, 115, 241
Decimal	13464561
CIE Lab	63.00, 55.37, -49.25
CIE LCh	63, 74.107, 318.347
Yxy	31.5869, 0.2849, 0.1908
Android (android.graphics.Color)	4291654641 (0xFFCD73F1)
YUV	156.2740, 41.7699, 42.7327
Hunter-Lab	56.2022, 51.4877, -52.2481

Details

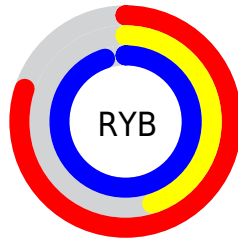
The CIELCh color $63, 74.107, 318.347$ is a light color, and the websafe version is hex `CC66FF`. A complement of this color would be $87, 71.572, 133.451$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 53.103, 326.256$, and $43, 73.739, 318.360$ is the 20% darker color. If you saturate the color by 10%, you get $58, 86.872, 318.601$, and if you desaturate by 10%, it is $69, 60.310, 317.991$.

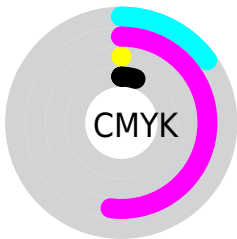
Distribution



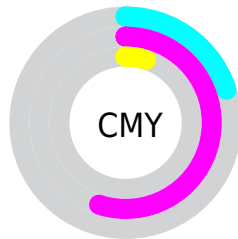
- Red (80%)
- Green (45%)
- Blue (95%)



- Red (80%)
- Yellow (45%)
- Blue (95%)



- Cyan (15%)
- Magenta (52%)
- Yellow (0%)
- Black (5%)



- Cyan (20%)
- Magenta (55%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 74.107, 318.347 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 63, 74.107, 318.347 by changing the saturation by 10% instead.

 63, 74.107,
318.347

 63, 74.107,
318.347


 100, 74.107,
318.347


 53, 74.107,
318.347


 83, 74.107,
318.347

 43, 74.107,
318.347

 93, 74.107,
318.347

 33, 74.107,
318.347

 23, 74.107,
318.347

 13, 74.107,
318.347

 3, 74.107, 318.347

 0, 74.107, 318.347

63, 74.107,
318.347

63, 74.107,
318.347

58, 86.872,
318.601

69, 60.310,
317.991

53, 97.930,
318.697

75, 46.012,
317.578

50, 106.535,
318.569

81, 31.581,
317.139

47, 112.104,
318.160

87, 17.254,
316.694

46, 114.532,
317.667

94, 3.178, 316.213

99, 7.775, 132.968

100, 7.129,
114.831

100, 7.092,
109.636

Harmonies

Complementary

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



63, 74.107, 318.347



87, 71.572, 133.451

Rectangle

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



63, 74.107, 318.347



63, 74.107, 8.347



63, 74.107, 138.347



63, 74.107, 188.347

Sweetspot

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



63, 74.105, 318.347



89, 23.615, 316.861



64, 49.640, 283.373



46, 15.973, 316.953



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 74.105, 318.347



61, 91.803, 318.617



66, 67.495, 334.058



47, 7.925, 316.569



35, 93.317, 317.824



7, 40.105, 318.953

Inverse Universe

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



64, 52.091, 4.325



63, 64.974, 7.124



86, 67.794, 145.707



47, 5.347, 357.808



39, 68.990, 22.363



8, 28.801, 11.146

Previews

White Background



This preview shows how the CIELCh color 63, 74.107, 318.347 looks on a white background.

Color Contrast Check

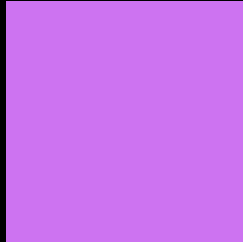
Large Text (above 18pt) WCAG AA × Fail

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 63, 74.107, 318.347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

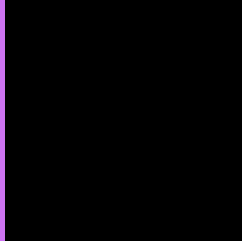
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 74.107, 318.347

Background



This preview shows how black text looks on a background with the CIELCh color 63, 74.107, 318.347.

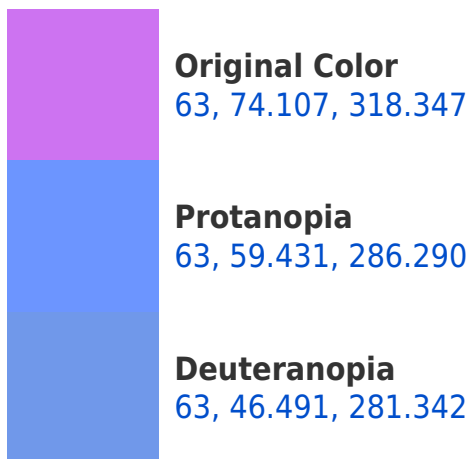


This preview shows how white text looks on a background with the CIELCh color 63, 74.107, 318.347.

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
63, 21.940, 5.679

Trichromacy



Original Color
63, 74.107, 318.347



Protanomaly
62, 63.301, 298.041



Deuteranomaly
62, 55.011, 297.901



Tritanomaly
63, 37.515, 333.152

Monochromacy



Original Color
63, 74.107, 318.347



Achromatopsia
64, 0.008, 296.813



Achromatomaly
63, 28.431, 317.322

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 74.107, 318.347 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(205, 115, 241)` looks like.

```
.text, #text, p{  
    color:rgb(205, 115, 241)  
}
```

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(205, 115, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 115, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 74.107, 318.347 is called "border". The border property can be set on classes, ids or directly on the HTML element.

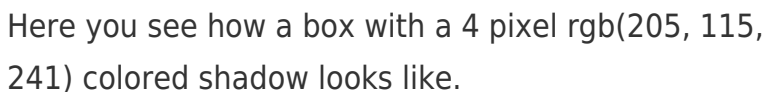
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 115, 241) }
```

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

```
.border{ border-color:rgb(205, 115, 241) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 115, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 115, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 115, 241);  
box-shadow:4px 4px 4px 4px rgb(205, 115,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 74.107, 318.347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 115, 241) }
```

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

```
.background{ background-color: rgb(205,  
115, 241) }
```

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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