

Converting Colors

CIELCh(63, 78.438, 318.666)

Have a look what the booklet for
CIELCh(63, 78.438, 318.666)
contains.

CIELCh(63, 78.315, 318.481)	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(63, 78.315, 318.481)

Conversions

Conversions Part 1

Format	Color
Hex	D070F6
RGB	208, 112, 246
RGB Percent	82%, 44%, 96%
CMY	0.1849, 0.5613, 0.0359
CMYK	0.15, 0.55, 0.00, 0.04
HSL	283°, 88%, 70%
HSV	283°, 55%, 96%
XYZ	48.3561, 31.5869, 90.6089
YIQ	155.9800, 14.2020, 62.0260

Conversions

Conversions Part 2

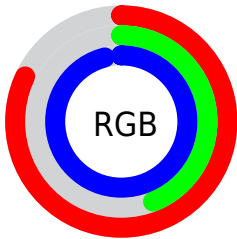
Format	Color
R _Y B	208, 112, 246
Decimal	13660406
CIE Lab	63.00, 58.64, -51.91
CIE LCh	63, 78.315, 318.481
Yxy	31.5869, 0.2835, 0.1852
Android (android.graphics.Color)	4291850486 (0xFFD070F6)
YUV	155.9800, 44.3799, 45.6215
Hunter-Lab	56.2022, 55.2266, -56.2454

Details

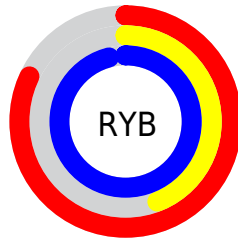
The CIELCh color $63, 78.315, 318.481$ is a light color, and the websafe version is hex `CC66FF`. A complement of this color would be $89, 75.592, 133.388$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 54.926, 326.317$, and $43, 78.122, 318.547$ is the 20% darker color. If you saturate the color by 10%, you get $58, 90.947, 318.704$, and if you desaturate by 10%, it is $69, 64.482, 318.144$.

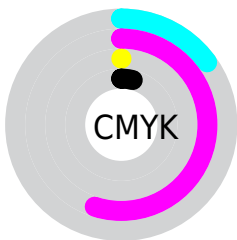
Distribution



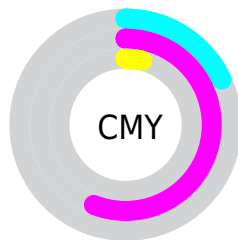
- Red (82%)
- Green (44%)
- Blue (96%)



- Red (82%)
- Yellow (44%)
- Blue (96%)



- Cyan (15%)
- Magenta (55%)
- Yellow (0%)
- Black (4%)





- Cyan (18%)
- Magenta (56%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 78.315, 318.481 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, 78.315, 318.481 by changing the saturation by 10% instead.


 63, 78.315,
318.481


 63, 78.315,
318.481


 100, 78.315,
318.481


 53, 78.315,
318.481


 83, 78.315,
318.481


 43, 78.315,
318.481


 93, 78.315,
318.481

 33, 78.315,
318.481

 23, 78.315,
318.481

 13, 78.315,
318.481

 3, 78.315, 318.481

 0, 78.315, 318.481

63, 78.315,
318.481

63, 78.315,
318.481

58, 90.947,
318.704

69, 64.482,
318.144

54, 101.665,
318.754

75, 50.029,
317.740

50, 109.723,
318.567

81, 35.364,
317.305

48, 114.618,
318.088

87, 20.758,
316.860

47, 116.233,
317.725

94, 6.380, 316.406

99, 5.023, 131.744

100, 4.633,
109.815

Harmonies

Complementary

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



63, 78.315, 318.481



89, 75.592, 133.388

Rectangle

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



63, 78.315, 318.481



63, 78.315, 8.481



63, 78.315, 138.481



63, 78.315, 188.481

Sweetspot

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



63, 78.313, 318.481



89, 23.628, 316.928



64, 52.735, 283.993



46, 15.982, 317.020



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, 78.313, 318.481



60, 94.258, 318.713



67, 71.060, 334.228



48, 8.068, 316.636



35, 94.248, 317.883



7, 41.530, 319.068

Inverse Universe

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



64, 55.105, 5.011



62, 66.779, 7.887



88, 71.530, 145.404



48, 5.435, 357.959



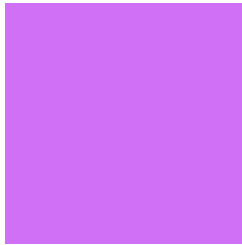
39, 69.802, 22.611



9, 29.717, 12.236

Previews

White Background



This preview shows how the CIELCh color 63, 78.315, 318.481 looks on a white background.

Color Contrast Check

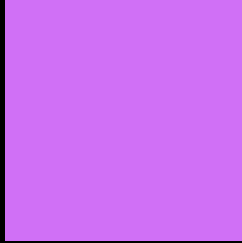
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 63, 78.315, 318.481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

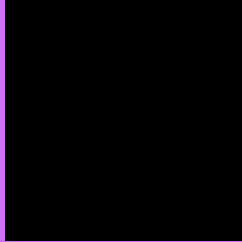
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 78.315, 318.481

Background



This preview shows how black text looks on a background with the CIELCh color 63, 78.315, 318.481.

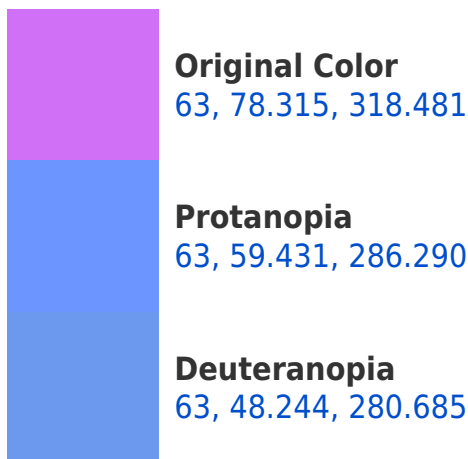


This preview shows how white text looks on a background with the CIELCh color 63, 78.315, 318.481.

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, 23.143, 6.695

Trichromacy



Original Color
63, 78.315, 318.481



Protanomaly
62, 65.610, 298.905



Deuteranomaly
62, 57.798, 297.752



Tritanomaly
62, 40.000, 332.811

Monochromacy



Original Color
63, 78.315, 318.481



Achromatopsia
64, 0.008, 296.813



Achromatomaly
63, 30.230, 317.282

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 78.315, 318.481 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(208, 112, 246)` looks like.

```
.text, #text, p{  
    color:rgb(208, 112, 246)  
}
```

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(208, 112, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 112, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 78.315, 318.481 is called "border". The border property can be set on classes, ids or directly on the HTML element.

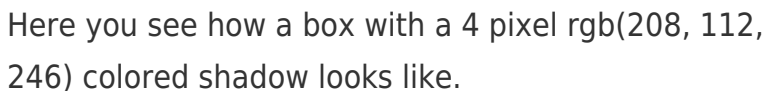
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 112, 246) }
```

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

```
.border{ border-color:rgb(208, 112, 246) }
```

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



Here you see how a box with a 4 pixel rgb(208, 112, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 112, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 112, 246);  
box-shadow:4px 4px 4px 4px rgb(208, 112,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 78.315, 318.481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 112, 246) }
```

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

```
.background{ background-color: rgb(208,  
112, 246) }
```

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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