

Converting Colors

CIELCh(63, 72.364, 310.119)

Have a look what the booklet for
CIELCh(63, 72.364, 310.119)
contains.

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Color

CIELCh(63, 72.434, 310.095)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B67DFC |
| RGB | 182, 125, 252 |
| RGB Percent | 71%, 49%, 99% |
| CMY | 0.2868, 0.5103, 0.0123 |
| CMYK | 0.28, 0.50, 0.00, 0.01 |
| HSL | 267°, 95%, 74% |
| HSV | 267°, 50%, 99% |
| XYZ | 44.1296, 31.5869, 95.7578 |
| YIQ | 156.5210, -6.7950, 51.5810 |

Conversions

Conversions Part 2

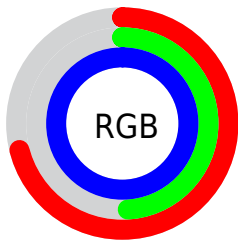
| Format | Color |
|-------------------------------------|--|
| RYB | 182, 125, 252 |
| Decimal | 11959804 |
| CIELab | 63.00, 46.65, -55.41 |
| CIELCh | 63, 72.434, 310.095 |
| Yxy | 31.5869, 0.2574, 0.1842 |
| Android (android.graphics.Color) | 4290149884 (0xFFB67DFC) |
| YUV | 156.5210, 47.0711, 22.3451 |
| Hunter-Lab | 56.2022, 41.8029, -61.6772 |

Details

The CIELCh color $63, 72.434, 310.095$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $93, 66.479, 124.858$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 45.302, 320.224$, and $43, 72.488, 309.935$ is the 20% darker color. If you saturate the color by 10%, you get $56, 86.902, 310.662$, and if you desaturate by 10%, it is $70, 57.624, 309.481$.

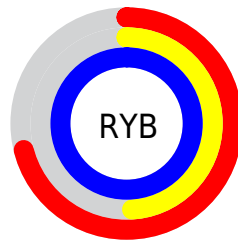
Distribution



Red (71%)

Green (49%)

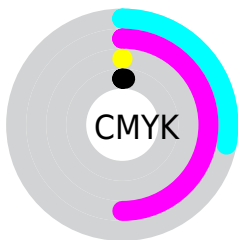
Blue (99%)



Red (71%)

Yellow (49%)

Blue (99%)

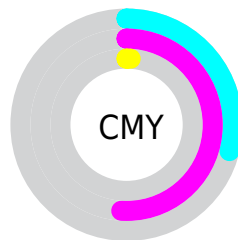


Cyan (28%)

Magenta (50%)

Yellow (0%)

Black (1%)



Cyan (29%)


Magenta (51%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 72.434, 310.095 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, 72.434, 310.095 by changing the saturation by 10% instead.

 63, 72.434,
310.095


 63, 72.434,
310.095


 100, 72.434,
310.095


 53, 72.434,
310.095


 83, 72.434,
310.095

 43, 72.434,
310.095

 93, 72.434,
310.095

 33, 72.434,
310.095

 23, 72.434,
310.095

 13, 72.434,
310.095

 3, 72.434, 310.095

 0, 72.434, 310.095

63, 72.434,
310.095

63, 72.434,
310.095

56, 86.902,
310.662

70, 57.624,
309.481

51, 100.383,
311.103

77, 42.867,
308.870

45, 111.924,
311.305

84, 28.377,
308.289

41, 120.400,
311.134

91, 14.262,
307.752

39, 125.259,
310.585

99, 0.572, 307.069
100, 1.576,
110.011

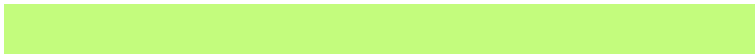
Harmonies

Complementary

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



63, 72.434, 310.095



93, 66.479, 124.858

Rectangle

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



63, 72.434, 310.095



63, 72.434, 0.095



63, 72.434, 130.095



63, 72.434, 180.095

Sweetspot

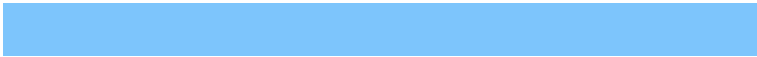
The Sweet Spot groups the original color and five complimentary colors.



63, 72.433, 310.095



89, 20.889, 307.993



77, 34.889, 257.174



46, 14.297, 308.107



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, 72.433, 310.095



57, 87.181, 310.643



70, 76.569, 325.059



48, 7.723, 307.704



28, 100.618, 310.779



5, 43.181, 311.222

Inverse Universe

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



69, 57.903, 346.085



65, 67.903, 347.537



90, 76.488, 138.914



49, 6.500, 341.711



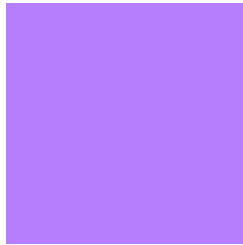
41, 68.395, 357.285



10, 31.632, 352.281

Previews

White Background



This preview shows how the CIELCh color 63, 72.434, 310.095 looks on a white background.

Color Contrast Check

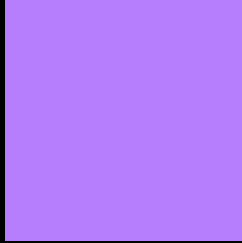
Large Text (above 18pt) WCAG AA × Fail

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, 72.434, 310.095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

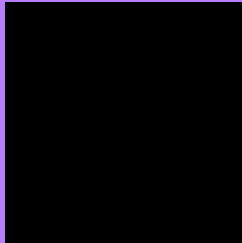
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 72.434, 310.095

Background



This preview shows how black text looks on a background with the CIELCh color 63, 72.434, 310.095.

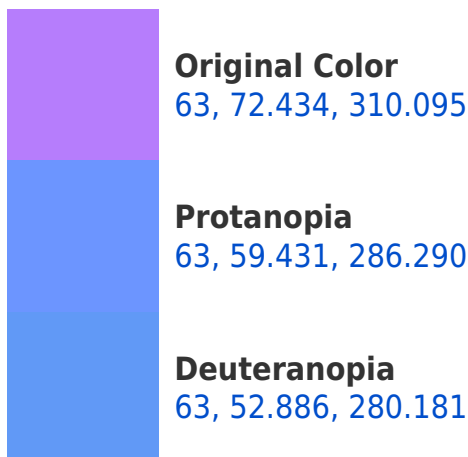



This preview shows how white text looks on a background with the CIELCh color 63, 72.434, 310.095.

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, 9.663, 336.393

Trichromacy



Original Color
63, 72.434, 310.095



Protanomaly
63, 63.673, 295.398



Deuteranomaly
63, 58.691, 292.237



Tritanomaly
62, 32.416, 313.464

Monochromacy



Original Color
63, 72.434, 310.095



Achromatopsia
64, 0.008, 296.813



Achromatomaly
63, 26.807, 307.999

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 72.434, 310.095 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(182, 125, 252)` looks like.

```
.text, #text, p{  
    color:rgb(182, 125, 252)  
}
```

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(182, 125, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 125, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 72.434, 310.095 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(182, 125, 252) }
```

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

```
.border{ border-color:rgb(182, 125, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 125, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 125, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 125, 252);  
box-shadow:4px 4px 4px 4px rgb(182, 125,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 72.434, 310.095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 125, 252) }
```

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

```
.background{ background-color: rgb(182,  
125, 252) }
```

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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