

Converting Colors

CIELCh(63, 65.069, 314.457)

Have a look what the booklet for
CIELCh(63, 65.069, 314.457)
contains.

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Color

CIELCh(63, 65.461, 314.553)

Conversions

Conversions Part 1

Format	Color
Hex	BF7CEC
RGB	191, 124, 236
RGB Percent	75%, 49%, 93%
CMY	0.2506, 0.5134, 0.0741
CMYK	0.19, 0.47, 0.00, 0.07
HSL	276°, 75%, 71%
HSV	276°, 47%, 93%
XYZ	43.8817, 31.5869, 83.2122
YIQ	156.8010, 3.9800, 49.0360

Conversions

Conversions Part 2

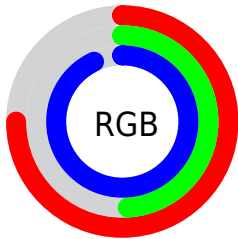
Format	Color
RYB	191, 124, 236
Decimal	12549356
CIELab	63.00, 45.93, -46.65
CIELCh	63, 65.461, 314.553
Yxy	31.5869, 0.2765, 0.1991
Android (android.graphics.Color)	4290739436 (0xFFBF7CEC)
YUV	156.8010, 39.0451, 29.9925
Hunter-Lab	56.2022, 41.0157, -48.4424

Details

The CIELCh color $63, 65.461, 314.553$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $87, 62.116, 130.192$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 47.240, 323.833$, and $43, 65.386, 314.397$ is the 20% darker color. If you saturate the color by 10%, you get $57, 78.911, 314.933$, and if you desaturate by 10%, it is $69, 51.521, 314.108$.

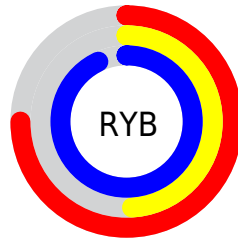
Distribution



Red (75%)

Green (49%)

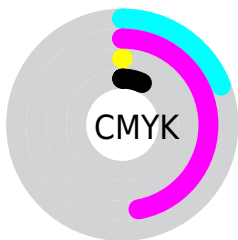
Blue (93%)



Red (75%)

Yellow (49%)

Blue (93%)

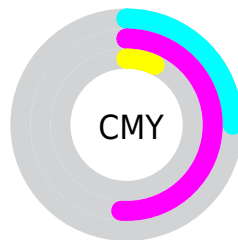


Cyan (19%)

Magenta (47%)

Yellow (0%)

Black (7%)



Cyan (25%)


Magenta (51%)


Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 65.461, 314.553 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, 65.461, 314.553 by changing the saturation by 10% instead.


 63, 65.461,
314.553


 63, 65.461,
314.553


 100, 65.461,
314.553


 53, 65.461,
314.553


 83, 65.461,
314.553

 43, 65.461,
314.553

 93, 65.461,
314.553

 33, 65.461,
314.553

 23, 65.461,
314.553

 13, 65.461,
314.553

 3, 65.461, 314.553

 0, 65.461, 314.553

63, 65.461,
314.553

63, 65.461,
314.553

57, 78.911,
314.933

69, 51.521,
314.108

52, 91.303,
315.186

75, 37.480,
313.639

47, 101.871,
315.234

82, 23.572,
313.173

44, 109.777,
314.985

89, 9.936, 312.719

95, 3.356, 132.374

41, 114.487,
314.371

99, 9.925, 124.028

41, 115.423,
314.190

100, 9.570,
109.452

Harmonies

Complementary

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



63, 65.461, 314.553



87, 62.116, 130.192

Rectangle

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



63, 65.461, 314.553



63, 65.461, 4.553



63, 65.461, 134.553



63, 65.461, 184.553

Sweetspot

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



63, 65.459, 314.553



90, 20.061, 313.018



69, 37.614, 272.768



47, 13.886, 313.117



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, 65.459, 314.553



62, 83.367, 314.926



68, 65.890, 329.493



46, 7.566, 312.811



31, 94.475, 314.377



5, 38.142, 314.930

Inverse Universe

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



66, 48.249, 355.027



66, 60.902, 356.916



85, 66.220, 142.801



46, 5.597, 350.118



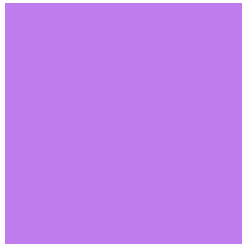
38, 65.550, 11.416



7, 27.966, 2.734

Previews

White Background



This preview shows how the CIELCh color 63, 65.461, 314.553 looks on a white background.

Color Contrast Check

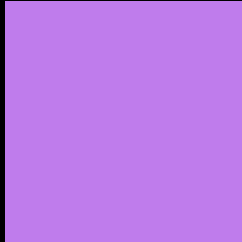
Large Text (above 18pt) WCAG AA × Fail

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, 65.461, 314.553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

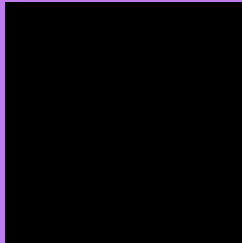
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 65.461, 314.553

Background



This preview shows how black text looks on a background with the CIELCh color 63, 65.461, 314.553.



This preview shows how white text looks on a background with the CIELCh color 63, 65.461, 314.553.

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, 15.012, 356.923

Trichromacy



Original Color
63, 65.461, 314.553



Protanomaly
63, 60.391, 296.031



Deuteranomaly
63, 50.974, 295.743



Tritanomaly
63, 31.814, 325.253

Monochromacy



Original Color
63, 65.461, 314.553



Achromatopsia
65, 0.008, 296.813



Achromatomaly
64, 24.597, 312.947

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 65.461, 314.553 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(191, 124, 236)` looks like.

```
.text, #text, p{  
    color:rgb(191, 124, 236)  
}
```

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(191, 124, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 124, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 65.461, 314.553 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(191, 124, 236) }
```

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

```
.border{ border-color:rgb(191, 124, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 124, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 124, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 124, 236);  
box-shadow:4px 4px 4px 4px rgb(191, 124,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 65.461, 314.553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 124, 236) }
```

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

```
.background{ background-color: rgb(191,  
124, 236) }
```

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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