

Converting Colors

CIELCh(63, 68.686, 327.539)

Have a look what the booklet for
CIELCh(63, 68.686, 327.539)
contains.

CIELCh(63, 68.670, 327.583)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(63, 68.670, 327.583)

Conversions

Conversions Part 1

Format	Color
Hex	DD6EDB
RGB	221, 110, 219
RGB Percent	87%, 43%, 86%
CMY	0.1338, 0.5691, 0.1417
CMYK	0.00, 0.50, 0.01, 0.13
HSL	301°, 62%, 65%
HSV	301°, 50%, 87%
XYZ	48.1137, 31.5869, 70.4943
YIQ	155.6150, 31.1670, 57.4310

Conversions

Conversions Part 2

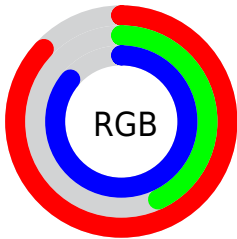
Format	Color
R _Y B	221, 110, 219
Decimal	14511835
CIE Lab	63.00, 57.97, -36.81
CIE LCh	63, 68.670, 327.583
Yxy	31.5869, 0.3203, 0.2103
Android (android.graphics.Color)	4292701915 (0xFFDD6EDB)
YUV	155.6150, 31.2488, 57.3426
Hunter-Lab	56.2022, 54.4566, -35.0257

Details

The CIELCh color **63, 68.670, 327.583** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **80, 69.083, 140.762**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 56.135, 326.357**, and **43, 68.625, 327.336** is the 20% darker color. If you saturate the color by 10%, you get **59, 79.922, 328.009**, and if you desaturate by 10%, it is **67, 56.007, 327.101**.

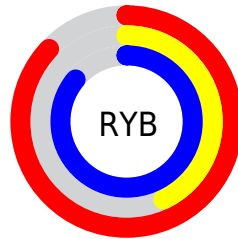
Distribution



Red (87%)

Green (43%)

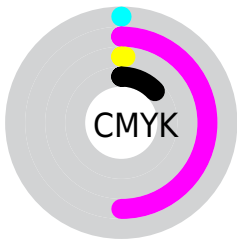
Blue (86%)



Red (87%)

Yellow (43%)

Blue (86%)

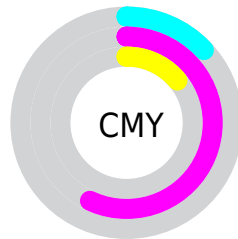


Cyan (0%)

Magenta (50%)

Yellow (1%)

Black (13%)



Cyan (13%)


Magenta (57%)


Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 68.670, 327.583 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, 68.670, 327.583 by changing the saturation by 10% instead.


 63, 68.670,
327.583


 63, 68.670,
327.583


 100, 68.670,
327.583


 53, 68.670,
327.583


 83, 68.670,
327.583

 43, 68.670,
327.583

 93, 68.670,
327.583

 33, 68.670,
327.583

 23, 68.670,
327.583

 13, 68.670,
327.583

 3, 68.670, 327.583

 0, 68.670, 327.583

63, 68.670,
327.583

63, 68.670,
327.583

59, 79.922,
328.009

67, 56.007,
327.101

56, 89.216,
328.365

72, 42.464,
326.580

54, 96.083,
328.643

77, 28.472,
326.033

53, 100.293,
328.839

82, 14.360,
325.470

52, 102.217,
328.968

88, 0.355, 324.142

94, 13.393,
144.418

97, 21.005,
144.244

97, 20.838,
144.561

■ 97, 20.671,
144.883

Harmonies

Complementary

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



63, 68.670, 327.583



80, 69.083, 140.762

Rectangle

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



63, 68.670, 327.583



63, 68.670, 17.583



63, 68.670, 147.583



63, 68.670, 197.583

Sweetspot

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



63, 68.667, 327.583



91, 23.668, 325.746



52, 64.269, 297.966



47, 16.158, 325.865



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, 68.667, 327.583



68, 89.353, 328.018



61, 50.090, 350.119



43, 7.904, 325.423



41, 85.345, 328.956



7, 34.129, 328.766

Inverse Universe

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



63, 68.667, 327.583



68, 89.353, 328.018



81, 47.167, 159.193



43, 7.904, 325.423



41, 85.345, 328.956



7, 34.129, 328.766

Previews

White Background



This preview shows how the CIELCh color 63, 68.670, 327.583 looks on a white background.

Color Contrast Check

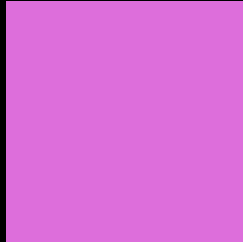
Large Text (above 18pt) WCAG AA × Fail

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, 68.670, 327.583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

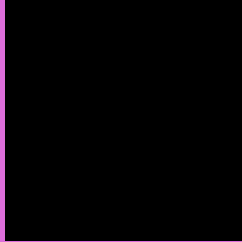
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 68.670, 327.583

Background



This preview shows how black text looks on a background with the CIELCh color 63, 68.670, 327.583.

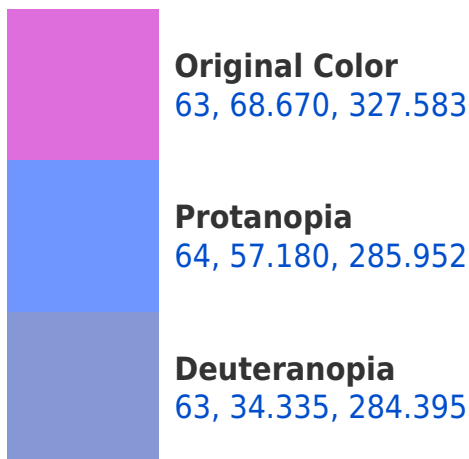


This preview shows how white text looks on a background with the CIELCh color 63, 68.670, 327.583.

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, 33.834, 13.938

Trichromacy



Original Color
63, 68.670, 327.583



Protanomaly
62, 59.165, 300.623



Deuteranomaly
62, 45.476, 306.581

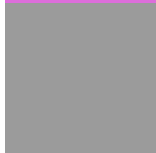


Tritanomaly
63, 42.773, 348.389

Monochromacy



Original Color
63, 68.670, 327.583



Achromatopsia
64, 0.008, 296.813



Achromatomaly
63, 26.363, 326.327

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 68.670, 327.583 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(221, 110, 219)` looks like.

```
.text, #text, p{  
    color:rgb(221, 110, 219)  
}
```

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(221, 110, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 110, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 68.670, 327.583 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(221, 110, 219) }
```

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

```
.border{ border-color:rgb(221, 110, 219) }
```

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

Here you see how a box with a 4 pixel rgb(221, 110, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 110, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 110, 219);  
box-shadow:4px 4px 4px 4px rgb(221, 110,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 68.670, 327.583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 110, 219) }
```

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

```
.background{ background-color: rgb(221,  
110, 219) }
```

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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