

Converting Colors

CIELCh(60, 69.607, 324.591)

Have a look what the booklet for
CIELCh(60, 69.607, 324.591)
contains.

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Color

CIELCh(60, 69.654, 324.436)

Conversions

Conversions Part 1

Format	Color
Hex	CF68D9
RGB	207, 104, 217
RGB Percent	81%, 41%, 85%
CMY	0.1888, 0.5926, 0.1495
CMYK	0.05, 0.52, 0.00, 0.15
HSL	295°, 60%, 63%
HSV	295°, 52%, 85%
XYZ	43.1381, 28.1233, 68.7088
YIQ	147.6790, 25.1150, 56.9790

Conversions

Conversions Part 2

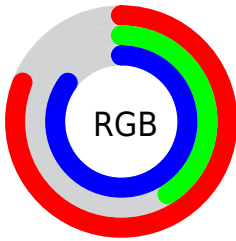
Format	Color
R _Y B	207, 104, 217
Decimal	13592793
CIE Lab	60.00, 56.66, -40.51
CIE LCh	60, 69.654, 324.436
Yxy	28.1233, 0.3082, 0.2009
Android (android.graphics.Color)	4291782873 (0xFFCF68D9)
YUV	147.6790, 34.1753, 52.0245
Hunter-Lab	53.0314, 52.3948, -39.6956

Details

The CIELCh color $60, 69.654, 324.436$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $79, 69.421, 138.334$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 59.735, 326.477$, and $40, 69.827, 324.318$ is the 20% darker color. If you saturate the color by 10%, you get $56, 80.804, 324.745$, and if you desaturate by 10%, it is $64, 57.177, 324.045$.

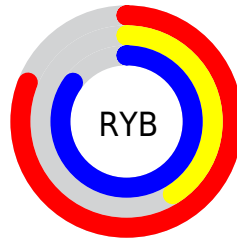
Distribution



Red (81%)

Green (41%)

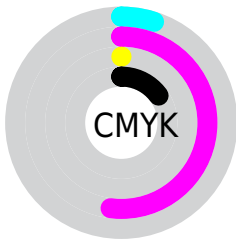
Blue (85%)



Red (81%)

Yellow (41%)

Blue (85%)

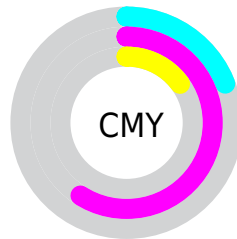


Cyan (5%)

Magenta (52%)

Yellow (0%)

Black (15%)



Cyan (19%)


Magenta (59%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 69.654, 324.436 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 60, 69.654, 324.436 by changing the saturation by 10% instead.


 60, 69.654,
324.436


 60, 69.654,
324.436


 100, 69.654,
324.436


 50, 69.654,
324.436


 80, 69.654,
324.436

 40, 69.654,
324.436

 90, 69.654,
324.436

 30, 69.654,
324.436

 20, 69.654,
324.436

 10, 69.654,
324.436

 0, 69.654, 324.436

 60, 69.654,

 60, 69.654,

324.436

56, 80.804,
324.745

53, 90.062,
324.943

51, 96.919,
325.005

49, 101.102,
324.916

48, 102.853,
324.755

324.436

64, 57.177,
324.045

69, 43.899,
323.597

74, 30.231,
323.116


80, 16.478,
322.616

85, 2.845, 322.051

91, 10.536,
141.682

97, 23.169,
141.178

97, 22.799,
139.797

 97, 22.443,
138.364

Harmonies

Complementary

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



60, 69.654, 324.436



79, 69.421, 138.334

Rectangle

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



60, 69.654, 324.436



60, 69.654, 14.436



60, 69.654, 144.436



60, 69.654, 194.436

Sweetspot

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



60, 69.652, 324.436



90, 24.904, 322.820



52, 58.798, 294.092



47, 16.830, 322.924



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 69.652, 324.436



65, 93.010, 324.782



60, 54.376, 343.495



43, 7.787, 322.480



38, 87.036, 324.806



6, 34.202, 325.115

Inverse Universe

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



58, 47.844, 19.166



62, 66.922, 22.289



79, 53.032, 153.321



43, 4.662, 12.784



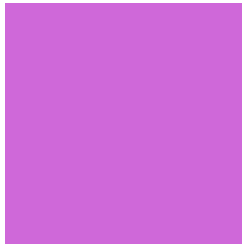
36, 74.587, 36.209



5, 23.736, 16.447

Previews

White Background



This preview shows how the CIELCh color 60, 69.654, 324.436 looks on a white background.

Color Contrast Check

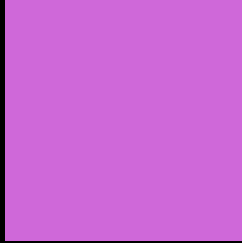
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 69.654, 324.436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

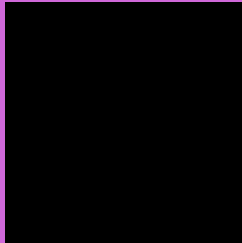
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 69.654, 324.436

Background



This preview shows how black text looks on a background with the CIELCh color 60, 69.654, 324.436.

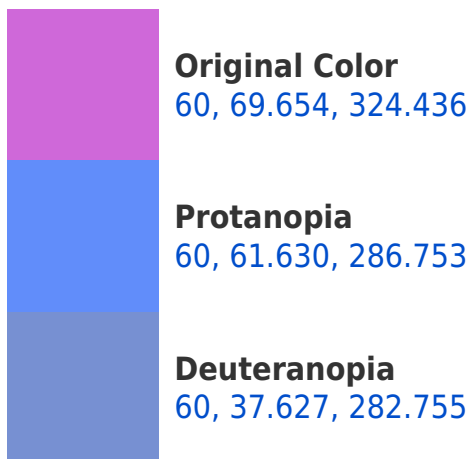


This preview shows how white text looks on a background with the CIELCh color 60, 69.654, 324.436.

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
60, 29.506, 13.098

Trichromacy



Original Color
60, 69.654, 324.436



Protanomaly
59, 62.313, 298.981



Deuteranomaly
59, 47.690, 303.507



Tritanomaly
60, 40.385, 344.037

Monochromacy



Original Color
60, 69.654, 324.436



Achromatopsia
61, 0.008, 296.813



Achromatomaly
60, 26.915, 322.913

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 69.654, 324.436 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(207, 104, 217)` looks like.

```
.text, #text, p{  
    color:rgb(207, 104, 217)  
}
```

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(207, 104, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 104, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 69.654, 324.436 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(207, 104, 217) }
```

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

```
.border{ border-color:rgb(207, 104, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 104, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 104, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 104, 217);  
box-shadow:4px 4px 4px 4px rgb(207, 104,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 69.654, 324.436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 104, 217) }
```

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

```
.background{ background-color: rgb(207,  
104, 217) }
```

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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