

Converting Colors

CIELCh(60, 66.406, 323.739)

Have a look what the booklet for
CIELCh(60, 66.406, 323.739)
contains.

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Color

CIELCh(60, 66.690, 323.676)

Conversions

Conversions Part 1

Format	Color
Hex	CB6BD7
RGB	203, 107, 215
RGB Percent	80%, 42%, 84%
CMY	0.2039, 0.5803, 0.1568
CMYK	0.06, 0.50, 0.00, 0.16
HSL	293°, 57%, 63%
HSV	293°, 50%, 84%
XYZ	42.1587, 28.1233, 67.5051
YIQ	148.0160, 22.5480, 53.9400

Conversions

Conversions Part 2

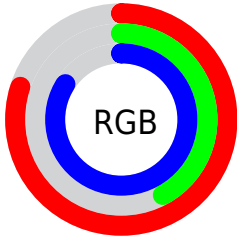
Format	Color
R _Y B	203, 107, 215
Decimal	13331415
CIE Lab	60.00, 53.73, -39.50
CIE LCh	60, 66.690, 323.676
Yxy	28.1233, 0.3060, 0.2041
Android (android.graphics.Color)	4291521495 (0xFFFCB6BD7)
YUV	148.0160, 33.0231, 48.2210
Hunter-Lab	53.0314, 49.0981, -38.3497

Details

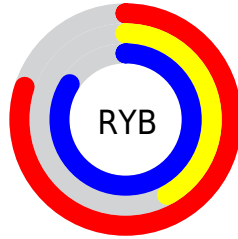
The CIELCh color $60, 66.690, 323.676$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $78, 66.245, 138.004$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 57.941, 326.417$, and $40, 66.911, 323.485$ is the 20% darker color. If you saturate the color by 10%, you get $56, 78.112, 323.988$, and if you desaturate by 10%, it is $65, 54.100, 323.284$.

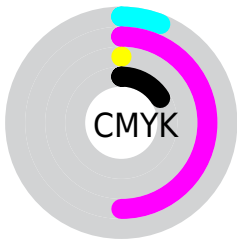
Distribution



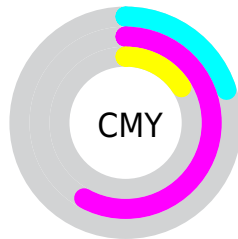
- Red (80%)
- Green (42%)
- Blue (84%)



- Red (80%)
- Yellow (42%)
- Blue (84%)



- Cyan (6%)
- Magenta (50%)
- Yellow (0%)
- Black (16%)





- Cyan (20%)
- Magenta (58%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 66.690, 323.676 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, 66.690, 323.676 by changing the saturation by 10% instead.


 60, 66.690,
323.676


 60, 66.690,
323.676


 100, 66.690,
323.676


 50, 66.690,
323.676


 80, 66.690,
323.676

 40, 66.690,
323.676

 90, 66.690,
323.676

 30, 66.690,
323.676

 20, 66.690,
323.676

 10, 66.690,
323.676

 0, 66.690, 323.676

 60, 66.690,

 60, 66.690,

323.676

56, 78.112,
323.988

53, 87.805,
324.189

50, 95.220,
324.248

48, 100.000,
324.143

47, 102.415,
323.896

323.676

65, 54.100,
323.284

70, 40.841,
322.839

75, 27.291,
322.364

80, 13.721,
321.873

86, 0.312, 320.629

92, 12.825,
140.967

97, 24.085,
140.372

97, 23.634,
138.697

■ 97, 23.204,
136.946

Harmonies

Complementary

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



60, 66.690, 323.676



78, 66.245, 138.004

Rectangle

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



60, 66.690, 323.676



60, 66.690, 13.676



60, 66.690, 143.676



60, 66.690, 193.676

Sweetspot

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



60, 66.688, 323.676



90, 23.184, 322.116



53, 54.967, 292.935



47, 15.836, 322.221



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, 66.688, 323.676



66, 89.271, 323.997



60, 52.792, 342.368



42, 7.586, 321.833



37, 86.271, 323.962



5, 32.221, 324.063

Inverse Universe

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



58, 45.468, 17.031



63, 63.157, 19.702



78, 51.644, 152.864



42, 4.590, 10.980



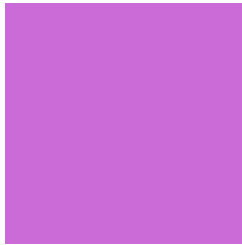
35, 72.733, 34.980



5, 21.971, 14.813

Previews

White Background



This preview shows how the CIELCh color 60, 66.690, 323.676 looks on a white background.

Color Contrast Check

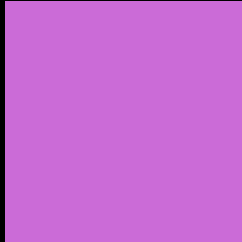
Large Text (above 18pt) WCAG AA ✓ Pass

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, 66.690, 323.676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

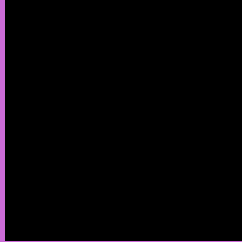
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 66.690, 323.676

Background



This preview shows how black text looks on a background with the CIELCh color 60, 66.690, 323.676.

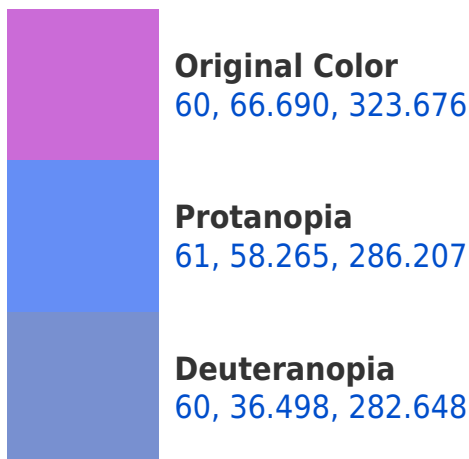


This preview shows how white text looks on a background with the CIELCh color 60, 66.690, 323.676.

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, 27.852, 11.132

Trichromacy



Original Color
60, 66.690, 323.676



Protanomaly
59, 59.509, 298.864



Deuteranomaly
59, 45.834, 302.511



Tritanomaly
60, 38.672, 342.569

Monochromacy



Original Color
60, 66.690, 323.676



Achromatopsia
61, 0.008, 296.813



Achromatomaly
60, 25.589, 322.716

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 66.690, 323.676 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(203, 107, 215)` looks like.

```
.text, #text, p{  
    color:rgb(203, 107, 215)  
}
```

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(203, 107, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 107, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 66.690, 323.676 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(203, 107, 215) }
```

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

```
.border{ border-color:rgb(203, 107, 215) }
```

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

Here you see how a box with a 4 pixel rgb(203, 107, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 107, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 107, 215);  
box-shadow:4px 4px 4px 4px rgb(203, 107,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 66.690, 323.676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 107, 215) }
```

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

```
.background{ background-color: rgb(203,  
107, 215) }
```

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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