

Converting Colors

CIELCh(60, 58.687, 327.213)

Have a look what the booklet for
CIELCh(60, 58.687, 327.213)
contains.

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Color

CIELCh(60, 58.893, 327.467)

Conversions

Conversions Part 1

Format	Color
Hex	CB6EC9
RGB	203, 110, 201
RGB Percent	80%, 43%, 79%
CMY	0.2033, 0.5681, 0.2112
CMYK	0.00, 0.46, 0.01, 0.20
HSL	301°, 47%, 61%
HSV	301°, 46%, 80%
XYZ	40.8201, 28.1233, 58.6250
YIQ	148.1810, 26.2170, 48.0170

Conversions

Conversions Part 2

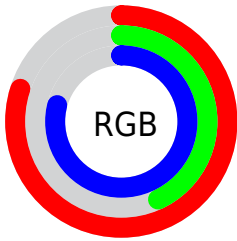
Format	Color
R _Y B	203, 110, 201
Decimal	13332169
CIE Lab	60.00, 49.65, -31.67
CIE LCh	60, 58.893, 327.467
Yxy	28.1233, 0.3200, 0.2205
Android (android.graphics.Color)	4291522249 (0xFFCB6EC9)
YUV	148.1810, 26.0398, 48.0763
Hunter-Lab	53.0314, 44.5925, -28.4217

Details

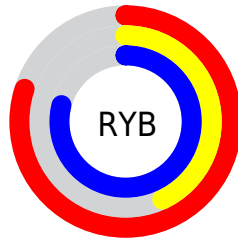
The CIELCh color $60, 58.893, 327.467$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $74, 59.126, 141.372$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 56.738, 326.377$, and $40, 59.162, 327.429$ is the 20% darker color. If you saturate the color by 10%, you get $56, 70.066, 327.923$, and if you desaturate by 10%, it is $64, 46.648, 326.965$.

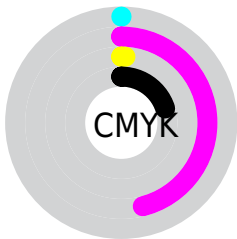
Distribution



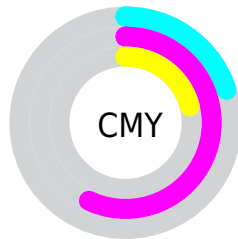
- Red (80%)
- Green (43%)
- Blue (79%)



- Red (80%)
- Yellow (43%)
- Blue (79%)



- Cyan (0%)
- Magenta (46%)
- Yellow (1%)
- Black (20%)





- Cyan (20%)
- Magenta (57%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 58.893, 327.467 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, 58.893, 327.467 by changing the saturation by 10% instead.

 60, 58.893,
327.467


 60, 58.893,
327.467


 100, 58.893,
327.467

 50, 58.893,
327.467


 80, 58.893,
327.467

 40, 58.893,
327.467

 90, 58.893,
327.467

 30, 58.893,
327.467

 20, 58.893,
327.467

 10, 58.893,
327.467

 0, 58.893, 327.467

 60, 58.893,

 60, 58.893,

327.467

327.467

■ 56, 70.066,
327.923

■ 64, 46.648,
326.965

■ 53, 79.663,
328.318

■ 69, 33.786,
326.430

■ 51, 87.196,
328.640

■ 74, 20.661,
325.877

■ 49, 92.327,
328.883

■ 79, 7.531, 325.302

■ 48, 95.015,
329.053

■ 84, 5.428, 144.841

■ 48, 95.736,
329.112

■ 89, 18.107,
144.275

■ 95, 30.441,
143.757

■ 95, 31.863,
143.890

■ 95, 31.679,
144.120

Harmonies

Complementary

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



60, 58.893, 327.467



74, 59.126, 141.372

Rectangle

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



60, 58.893, 327.467



60, 58.893, 17.467



60, 58.893, 147.467



60, 58.893, 197.467

Sweetspot

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



60, 58.891, 327.467



91, 22.028, 325.787



51, 54.185, 297.059



47, 15.220, 325.910



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, 58.891, 327.467



70, 83.092, 327.921



58, 42.887, 349.409



40, 7.429, 325.515



39, 82.322, 329.100



5, 28.547, 328.193

Inverse Universe

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



60, 58.891, 327.467



70, 83.092, 327.921



75, 40.512, 159.841



40, 7.429, 325.515



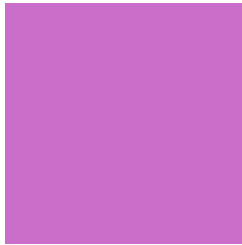
39, 82.322, 329.100



5, 28.547, 328.193

Previews

White Background



This preview shows how the CIELCh color 60, 58.893, 327.467 looks on a white background.

Color Contrast Check

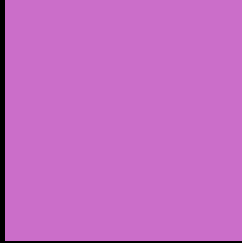
Large Text (above 18pt) WCAG AA ✓ Pass

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, 58.893, 327.467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

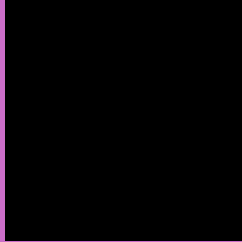
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 58.893, 327.467

Background



This preview shows how black text looks on a background with the CIELCh color 60, 58.893, 327.467.



This preview shows how white text looks on a background with the CIELCh color 60, 58.893, 327.467.

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



Original Color
60, 58.893, 327.467

Protanopia
60, 48.184, 285.747

Deuteranopia
60, 29.480, 285.821



Tritanopia
60, 29.111, 11.813

Trichromacy



Original Color
60, 58.893, 327.467



Protanomaly
59, 50.201, 301.049



Deuteranomaly
59, 38.545, 307.219



Tritanomaly
60, 36.626, 347.535

Monochromacy



Original Color
60, 58.893, 327.467



Achromatopsia
61, 0.008, 296.813



Achromatomaly
60, 22.601, 326.330

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 58.893, 327.467 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, 110, 201)` looks like.

```
.text, #text, p{  
    color:rgb(203, 110, 201)  
}
```

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, 110, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 110, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 58.893, 327.467 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, 110, 201) }
```

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

```
.border{ border-color:rgb(203, 110, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 110, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 110, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 110, 201);  
box-shadow:4px 4px 4px 4px rgb(203, 110,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 58.893, 327.467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 110, 201) }
```

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

```
.background{ background-color: rgb(203,  
110, 201) }
```

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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