

Converting Colors

CIELCh(60, 51.874, 324.940)

Have a look what the booklet for
CIELCh(60, 51.874, 324.940)
contains.

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Color

CIELCh(60, 51.971, 324.786)

Conversions

Conversions Part 1

Format	Color
Hex	C175C6
RGB	193, 117, 198
RGB Percent	76%, 46%, 78%
CMY	0.2433, 0.5413, 0.2237
CMYK	0.03, 0.41, 0.00, 0.22
HSL	296°, 42%, 62%
HSV	296°, 41%, 78%
XYZ	38.5299, 28.1233, 56.8027
YIQ	148.9580, 19.2950, 41.3030

Conversions

Conversions Part 2

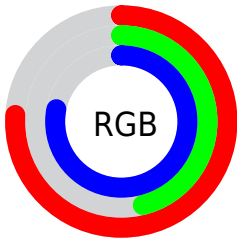
Format	Color
R_{YB}	193, 117, 198
Decimal	12678598
CIE _{Lab}	60.00, 42.46, -29.97
CIE _{LCh}	60, 51.971, 324.786
Yxy	28.1233, 0.3121, 0.2278
Android (android.graphics.Color)	4290868678 (0xFFC175C6)
YUV	148.9580, 24.1777, 38.6248
Hunter-Lab	53.0314, 36.8839, -26.3843

Details

The CIELCh color $60, 51.971, 324.786$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $73, 51.823, 139.963$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 51.869, 324.855$, and $40, 51.915, 324.808$ is the 20% darker color. If you saturate the color by 10%, you get $56, 63.675, 325.201$, and if you desaturate by 10%, it is $64, 39.537, 324.321$.

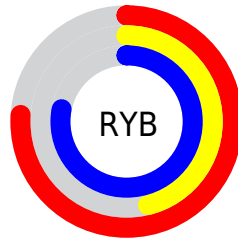
Distribution



Red (76%)

Green (46%)

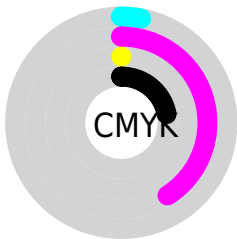
Blue (78%)



Red (76%)

Yellow (46%)

Blue (78%)

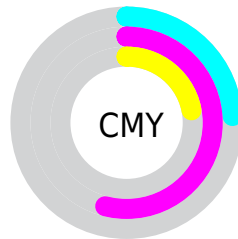


Cyan (3%)

Magenta (41%)

Yellow (0%)

Black (22%)



Cyan (24%)


Magenta (54%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 51.971, 324.786 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, 51.971, 324.786 by changing the saturation by 10% instead.


 60, 51.971,
324.786


 60, 51.971,
324.786


 100, 51.971,
324.786


 50, 51.971,
324.786


 80, 51.971,
324.786

 40, 51.971,
324.786

 90, 51.971,
324.786

 30, 51.971,
324.786

 20, 51.971,
324.786

 10, 51.971,
324.786

 0, 51.971, 324.786

 60, 51.971,

 60, 51.971,

324.786

56, 63.675,
325.201

52, 74.187,
325.542

49, 82.989,
325.786

47, 89.617,
325.912

46, 93.805,
325.907

45, 95.844,
325.807

324.786

64, 39.537,
324.321

69, 26.755,
323.825

74, 13.900,
323.312


79, 1.162, 322.617

85, 11.337,
142.354

90, 23.525,
141.868

95, 35.035,
141.409

95, 34.793,
140.856

 95, 34.554,
140.293

Harmonies

Complementary

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



60, 51.971, 324.786



73, 51.823, 139.963

Rectangle

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



60, 51.971, 324.786



60, 51.971, 14.786



60, 51.971, 144.786



60, 51.971, 194.786

Sweetspot

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



60, 51.969, 324.786



92, 18.785, 323.378



54, 43.563, 293.109



48, 12.469, 323.447



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, 51.969, 324.786



72, 75.441, 325.155



59, 39.514, 343.945



39, 7.243, 323.232



37, 83.043, 325.840



4, 26.041, 324.523

Inverse Universe

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



58, 34.157, 18.839



69, 51.357, 20.555



74, 38.266, 156.332



39, 4.287, 14.929



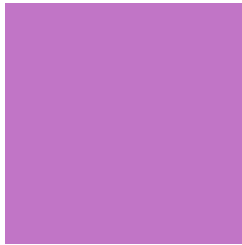
34, 72.210, 37.228



3, 15.921, 16.206

Previews

White Background



This preview shows how the CIELCh color 60, 51.971, 324.786 looks on a white background.

Color Contrast Check

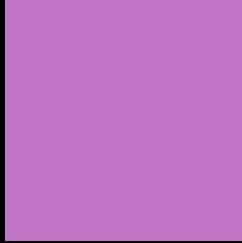
Large Text (above 18pt) WCAG AA ✓ Pass

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, 51.971, 324.786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

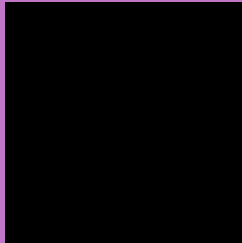
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 51.971, 324.786

Background



This preview shows how black text looks on a background with the CIELCh color 60, 51.971, 324.786.



This preview shows how white text looks on a background with the CIELCh color 60, 51.971, 324.786.

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, 51.971, 324.786

Protanopia
60, 43.088, 285.897

Deuteranopia
60, 28.340, 285.991



Tritanopia
60, 22.876, 7.889

Trichromacy



Original Color
60, 51.971, 324.786



Protanomaly
60, 44.451, 300.162



Deuteranomaly
60, 35.320, 304.864



Tritanomaly
60, 31.230, 342.879

Monochromacy



Original Color
60, 51.971, 324.786



Achromatopsia
62, 0.008, 296.813



Achromatomaly
60, 19.960, 323.523

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 51.971, 324.786 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(193, 117, 198)` looks like.

```
.text, #text, p{  
    color:rgb(193, 117, 198)  
}
```

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(193, 117, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 117, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 51.971, 324.786 is called "border". The border property can be set on classes, ids or directly on the HTML element.

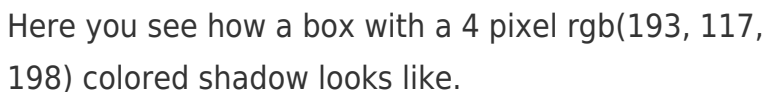
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 117, 198) }
```

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

```
.border{ border-color:rgb(193, 117, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(193, 117, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 117, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 117, 198); box-shadow:4px 4px 4px 4px rgb(193, 117, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 51.971, 324.786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 117, 198) }
```

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

```
.background{ background-color: rgb(193,  
117, 198) }
```

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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