

Converting Colors

CIELCh(51, 64.617, 325.700)

Have a look what the booklet for
CIELCh(51, 64.617, 325.700)
contains.

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Color

CIELCh(51, 64.259, 325.712)

Conversions

Conversions Part 1

Format	Color
Hex	B353B8
RGB	179, 83, 184
RGB Percent	70%, 33%, 72%
CMY	0.2975, 0.6740, 0.2780
CMYK	0.03, 0.55, 0.00, 0.28
HSL	297°, 42%, 52%
HSV	297°, 55%, 72%
XYZ	30.3856, 19.2686, 47.5312
YIQ	123.2180, 24.7950, 51.7630

Conversions

Conversions Part 2

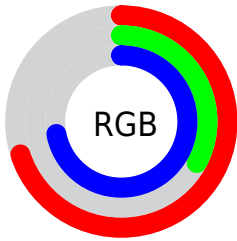
Format	Color
RYB	179, 83, 184
Decimal	11752376
CIELab	51.00, 53.09, -36.20
CIELCh	51, 64.259, 325.712
Yxy	19.2686, 0.3127, 0.1983
Android (android.graphics.Color)	4289942456 (0xFFB353B8)
YUV	123.2180, 29.9655, 48.9208
Hunter-Lab	43.8960, 46.7429, -33.4728

Details

The CIELCh color **51, 64.259, 325.712** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **67, 64.400, 138.931**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 63.982, 325.868**, and **31, 64.239, 326.016** is the 20% darker color. If you saturate the color by 10%, you get **48, 73.602, 326.030**, and if you desaturate by 10%, it is **55, 53.595, 325.315**.

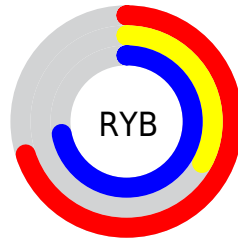
Distribution



Red (70%)

Green (33%)

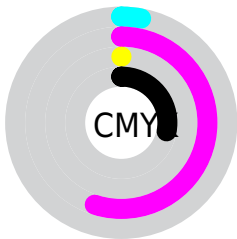
Blue (72%)



Red (70%)

Yellow (33%)

Blue (72%)

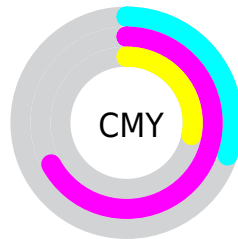


Cyan (3%)

Magenta (55%)

Yellow (0%)

Black (28%)



Cyan (30%)


Magenta (67%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 64.259, 325.712 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 51, 64.259, 325.712 by changing the saturation by 10% instead.


 51, 64.259,
325.712

 51, 64.259,
325.712


 100, 64.259,
325.712


 41, 64.259,
325.712


 71, 64.259,
325.712

 31, 64.259,
325.712

 81, 64.259,
325.712

 21, 64.259,
325.712

 91, 64.259,
325.712

 11, 64.259,
325.712

 1, 64.259, 325.712

 0, 64.259, 325.712

51, 64.259,
325.712

51, 64.259,
325.712

48, 73.602,
326.030

55, 53.595,
325.315

45, 81.159,
326.249

59, 42.077,
324.861

44, 86.553,
326.351

63, 30.093,
324.371

43, 89.652,
326.331

68, 17.940,
323.859


42, 90.722,
326.293

72, 5.829, 323.322

77, 6.100, 142.896

82, 17.759,
142.382

87, 29.101,
141.909

 92, 40.102,
141.463

Harmonies

Complementary

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



51, 64.259, 325.712



67, 64.400, 138.931

Rectangle

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



51, 64.259, 325.712



51, 64.259, 15.712



51, 64.259, 145.712



51, 64.259, 195.712

Sweetspot

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



51, 64.257, 325.712



85, 23.956, 323.932



42, 57.701, 296.593



44, 16.177, 324.037



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



51, 64.257, 325.712



61, 91.978, 326.089



50, 48.463, 346.641



36, 6.805, 323.569



35, 80.093, 326.318



3, 18.361, 322.643

Inverse Universe

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



48, 44.730, 22.566



57, 67.869, 25.990



68, 46.658, 155.284



36, 4.007, 15.910



32, 70.013, 37.583



2, 10.660, 16.397

Previews

White Background



This preview shows how the CIELCh color 51, 64.259, 325.712 looks on a white background.

Color Contrast Check

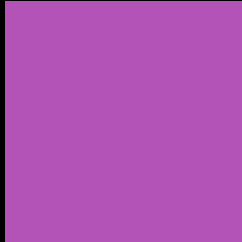
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 51, 64.259, 325.712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

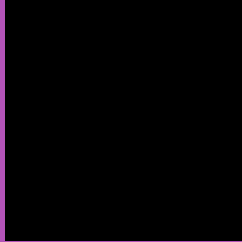
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 64.259, 325.712

Background



This preview shows how black text looks on a background with the CIELCh color 51, 64.259, 325.712.

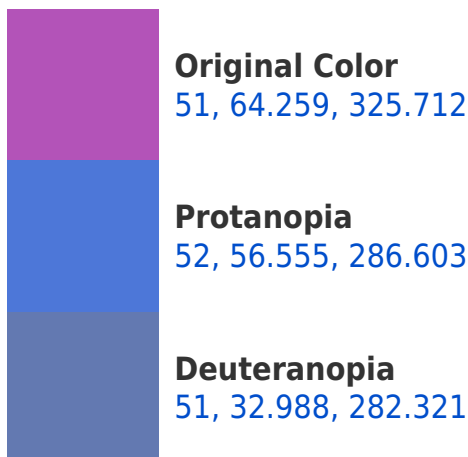


This preview shows how white text looks on a background with the CIELCh color 51, 64.259, 325.712.

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
51, 29.249, 14.362

Trichromacy



Original Color
51, 64.259, 325.712



Protanomaly
50, 57.302, 299.203



Deuteranomaly
50, 43.374, 304.311



Tritanomaly
51, 38.242, 345.968

Monochromacy



Original Color
51, 64.259, 325.712



Achromatopsia
52, 0.007, 296.813



Achromatomaly
50, 25.392, 324.248

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 64.259, 325.712 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(179, 83, 184)` looks like.

```
.text, #text, p{  
    color:rgb(179, 83, 184)  
}
```

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(179, 83, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 83, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 64.259, 325.712 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(179, 83, 184) }
```

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

```
.border{ border-color:rgb(179, 83, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 83, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 83, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 83, 184);  
box-shadow:4px 4px 4px 4px rgb(179, 83,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 64.259, 325.712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 83, 184) }
```

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

```
.background{ background-color: rgb(179, 83,  
184) }
```

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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