

Converting Colors

CIELCh(51, 74.321, 327.719)

Have a look what the booklet for
CIELCh(51, 74.321, 327.719)
contains.

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Color

CIELCh(51, 73.975, 327.786)

Conversions

Conversions Part 1

Format	Color
Hex	BF47BE
RGB	191, 71, 190
RGB Percent	75%, 28%, 75%
CMY	0.2514, 0.7220, 0.2553
CMYK	0.00, 0.63, 0.01, 0.25
HSL	300°, 48%, 51%
HSV	300°, 63%, 75%
XYZ	32.9884, 19.2686, 50.6363
YIQ	120.4460, 33.3210, 62.4490

Conversions

Conversions Part 2

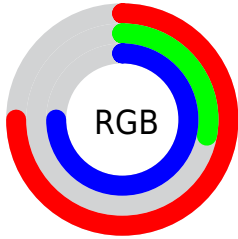
Format	Color
R_{YB}	191, 71, 190
Decimal	12535742
CIE _{Lab}	51.00, 62.59, -39.43
CIE _{LCh}	51, 73.975, 327.786
Yxy	19.2686, 0.3206, 0.1873
Android (android.graphics.Color)	4290725822 (0xFFBF47BE)
YUV	120.4460, 34.2901, 61.8759
Hunter-Lab	43.8960, 57.3270, -37.6668

Details

The CIELCh color **51, 73.975, 327.786** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **69, 74.944, 139.138**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 74.147, 327.742**, and **31, 72.476, 327.666** is the 20% darker color. If you saturate the color by 10%, you get **49, 81.889, 328.106**, and if you desaturate by 10%, it is **54, 64.233, 327.391**.

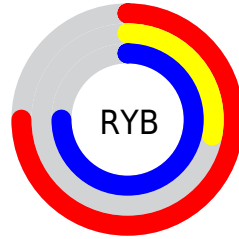
Distribution



Red (75%)

Green (28%)

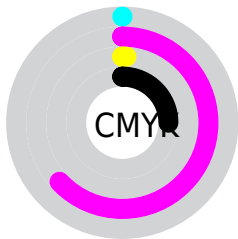
Blue (75%)



Red (75%)

Yellow (28%)

Blue (75%)

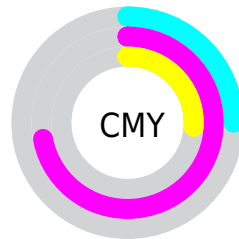


Cyan (0%)

Magenta (63%)

Yellow (1%)

Black (25%)



Cyan (25%)


Magenta (72%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 73.975, 327.786 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 51, 73.975, 327.786 by changing the saturation by 10% instead.


 51, 73.975,
327.786


 51, 73.975,
327.786


 100, 73.975,
327.786


 41, 73.975,
327.786


 71, 73.975,
327.786

 31, 73.975,
327.786

 81, 73.975,
327.786

 21, 73.975,
327.786

 91, 73.975,
327.786

 11, 73.975,
327.786

 1, 73.975, 327.786

 0, 73.975, 327.786

51, 73.975,
327.786

51, 73.975,
327.786

49, 81.889,
328.106

54, 64.233,
327.391

47, 87.608,
328.343

58, 53.147,
326.934

46, 90.988,
328.494

62, 41.183,
326.431

45, 92.350,
328.566

66, 28.741,
325.899

71, 16.129,
325.349

76, 3.569, 324.748

81, 8.793, 144.310

86, 20.865,
143.771

■ 91, 32.596,
143.265

Harmonies

Complementary

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



51, 73.975, 327.786



69, 74.944, 139.138

Rectangle

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



51, 73.975, 327.786



51, 73.975, 17.786



51, 73.975, 147.786



51, 73.975, 197.786

Sweetspot

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



51, 73.973, 327.786



86, 29.473, 325.705



37, 72.983, 300.157



45, 20.456, 325.863



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



51, 73.973, 327.786



62, 102.115, 328.195



49, 54.511, 351.136



37, 7.029, 325.151



37, 80.331, 328.561



3, 21.317, 325.740

Inverse Universe

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



51, 73.973, 327.786



62, 102.115, 328.195



70, 51.682, 156.485



37, 7.029, 325.151



37, 80.331, 328.561



3, 21.317, 325.740

Previews

White Background



This preview shows how the CIELCh color 51, 73.975, 327.786 looks on a white background.

Color Contrast Check

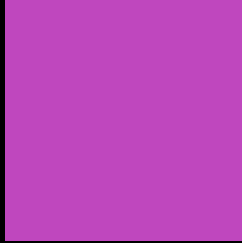
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 51, 73.975, 327.786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

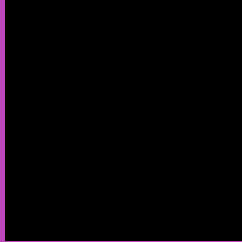
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 73.975, 327.786

Background



This preview shows how black text looks on a background with the CIELCh color 51, 73.975, 327.786.

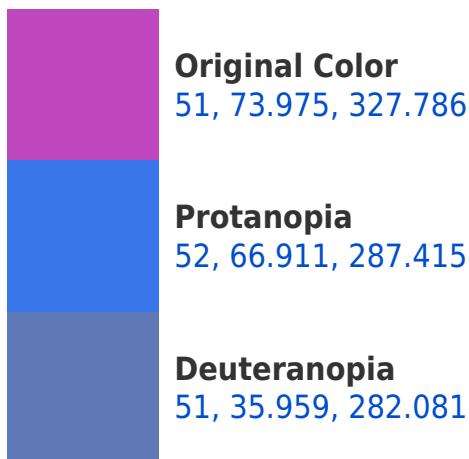


This preview shows how white text looks on a background with the CIELCh color 51, 73.975, 327.786.

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





Tritanopia
51, 36.853, 18.374

Trichromacy



Original Color
51, 73.975, 327.786



Protanomaly
49, 67.781, 299.221



Deuteranomaly
49, 48.872, 305.943



Tritanomaly
51, 45.704, 350.049

Monochromacy



Original Color
51, 73.975, 327.786



Achromatopsia
50, 0.007, 296.813



Achromatomaly
49, 30.114, 326.659

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 73.975, 327.786 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(191, 71, 190)` looks like.

```
.text, #text, p{  
    color:rgb(191, 71, 190)  
}
```

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(191, 71, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 71, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 73.975, 327.786 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(191, 71, 190) }
```

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

```
.border{ border-color:rgb(191, 71, 190) }
```

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

Here you see how a box with a 4 pixel rgb(191, 71, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 71, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 71, 190);  
box-shadow:4px 4px 4px 4px rgb(191, 71,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 73.975, 327.786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 71, 190) }
```

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

```
.background{ background-color: rgb(191, 71,  
190) }
```

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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