

Converting Colors

CIELCh(51, 67.046, 324.202)

Have a look what the booklet for
CIELCh(51, 67.046, 324.202)
contains.

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Color

CIELCh(51, 67.004, 324.419)

Conversions

Conversions Part 1

Format	Color
Hex	B352BD
RGB	179, 82, 189
RGB Percent	70%, 32%, 74%
CMY	0.2983, 0.6787, 0.2591
CMYK	0.05, 0.57, 0.00, 0.26
HSL	294°, 45%, 53%
HSV	294°, 57%, 74%
XYZ	30.7610, 19.2686, 50.1981
YIQ	123.2010, 23.4650, 53.8410

Conversions

Conversions Part 2

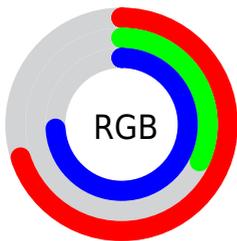
Format	Color
RYB	179, 82, 189
Decimal	11752125
CIELab	51.00, 54.49, -38.99
CIELCh	51, 67.004, 324.419
Yxy	19.2686, 0.3069, 0.1922
Android (android.graphics.Color)	4289942205 (0xFFB352BD)
YUV	123.2010, 32.4389, 48.9357
Hunter-Lab	43.8960, 48.2694, -37.0749

Details

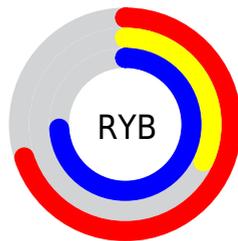
The CIELCh color **51, 67.004, 324.419** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **69, 66.825, 137.869**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 67.113, 324.370**, and **31, 67.122, 324.349** is the 20% darker color. If you saturate the color by 10%, you get **48, 76.374, 324.681**, and if you desaturate by 10%, it is **55, 56.264, 324.064**.

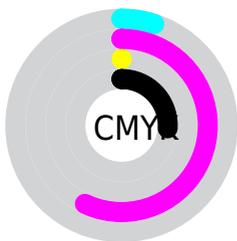
Distribution



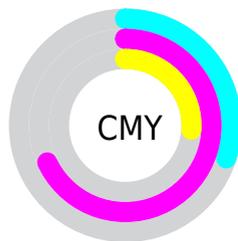
- Red (70%)
- Green (32%)
- Blue (74%)



- Red (70%)
- Yellow (32%)
- Blue (74%)



- Cyan (5%)
- Magenta (57%)
- Yellow (0%)
- Black (26%)



- Cyan (30%)
- Magenta (68%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 67.004, 324.419 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, 67.004, 324.419 by changing the saturation by 10% instead.

 51, 67.004,
324.419

 51, 67.004,
324.419

 100, 67.004,
324.419

 41, 67.004,
324.419

 71, 67.004,
324.419

 31, 67.004,
324.419

 81, 67.004,
324.419

 21, 67.004,
324.419

 91, 67.004,
324.419

 11, 67.004,
324.419

 1, 67.004, 324.419

 0, 67.004, 324.419

51, 67.004,
324.419

51, 67.004,
324.419

48, 76.374,
324.681

55, 56.264,
324.064

45, 83.883,
324.822

59, 44.644,
323.643

43, 89.137,
324.819

64, 32.543,
323.181

42, 92.059,
324.664

68, 20.268,
322.695

42, 92.803,
324.598

73, 8.032, 322.191

78, 4.024, 141.795

83, 15.814,
141.288

89, 27.289,
140.838

■ 94, 38.427,
140.417

Harmonies

Complementary

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



51, 67.004, 324.419



69, 66.825, 137.869

Rectangle

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



51, 67.004, 324.419



51, 67.004, 14.419



51, 67.004, 144.419



51, 67.004, 194.419

Sweetspot

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



51, 67.002, 324.419



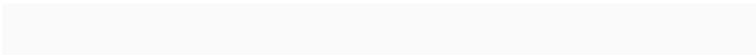
86, 25.575, 322.726



43, 57.585, 295.028



44, 17.115, 322.825



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



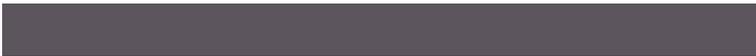
51, 67.002, 324.419



61, 95.250, 324.728



51, 52.313, 344.015



37, 6.869, 322.331



35, 81.335, 324.645



3, 20.488, 321.363

Inverse Universe

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



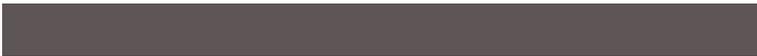
49, 46.725, 19.798



58, 69.902, 23.538



69, 51.133, 152.737



37, 4.120, 12.372



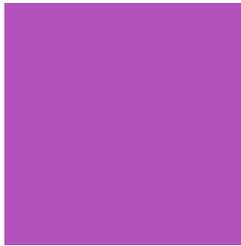
33, 69.204, 35.631



3, 12.321, 14.034

Previews

White Background



This preview shows how the CIELCh color 51, 67.004, 324.419 looks on a white background.

Color Contrast Check

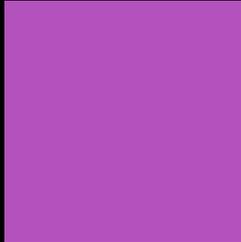
Large Text (above 18pt) WCAG AA ✓ Pass

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 51, 67.004, 324.419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

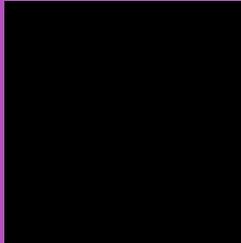
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

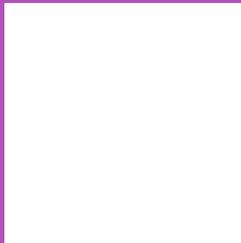
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 51, 67.004, 324.419

Background



This preview shows how black text looks on a background with the CIELCh color 51, 67.004, 324.419.

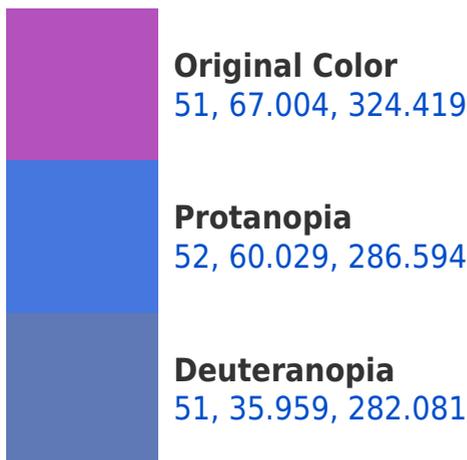


This preview shows how white text looks on a background with the CIELCh color 51, 67.004, 324.419.

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, 28.368, 15.081

Trichromacy



Original Color
51, 67.004, 324.419

Protanomaly
50, 60.677, 298.345

Deuteranomaly
50, 46.116, 303.099

Tritanomaly
51, 38.819, 344.524

Monochromacy



Original Color
51, 67.004, 324.419

Achromatopsia
52, 0.007, 296.813

Achromatomaly
50, 26.355, 322.883

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 67.004, 324.419 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, 82, 189)` looks like.

```
.text, #text, p{  
    color:rgb(179, 82, 189)  
}
```

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, 82, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 82, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 67.004, 324.419 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, 82, 189) }
```

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

```
.border{ border-color:rgb(179, 82, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 82, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 82, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 82, 189);  
box-shadow:4px 4px 4px 4px rgb(179, 82,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 67.004, 324.419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 82, 189) }
```

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

```
.background{ background-color: rgb(179, 82,  
189) }
```

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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