

Converting Colors

CIELCh(51, 65.845, 331.779)

Have a look what the booklet for
CIELCh(51, 65.845, 331.779)
contains.

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Color

CIELCh(51, 65.846, 331.527)

Conversions

Conversions Part 1

Format	Color
Hex	BE4CB0
RGB	190, 76, 176
RGB Percent	75%, 30%, 69%
CMY	0.2547, 0.7017, 0.3096
CMYK	0.00, 0.60, 0.07, 0.25
HSL	307°, 47%, 52%
HSV	307°, 60%, 75%
XYZ	31.6806, 19.2686, 43.1534
YIQ	121.4860, 35.8440, 55.2680

Conversions

Conversions Part 2

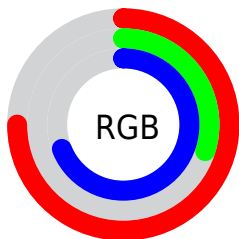
Format	Color
R_{YB}	190, 76, 176
Decimal	12471472
CIE _{Lab}	51.00, 57.88, -31.39
CIE _{LCh}	51, 65.846, 331.527
Yxy	19.2686, 0.3367, 0.2048
Android (android.graphics.Color)	4290661552 (0xFFBE4CB0)
YUV	121.4860, 26.8754, 60.0868
Hunter-Lab	43.8960, 52.0090, -27.5597

Details

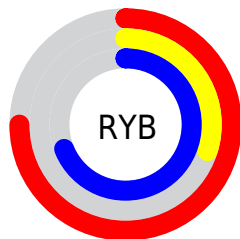
The CIELCh color **51, 65.846, 331.527** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **69, 66.808, 142.452**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 65.956, 331.589**, and **31, 65.923, 331.694** is the 20% darker color. If you saturate the color by 10%, you get **48, 73.616, 332.100**, and if you desaturate by 10%, it is **54, 56.448, 330.942**.

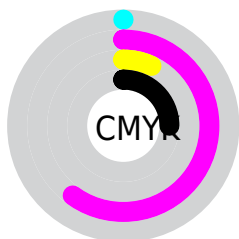
Distribution



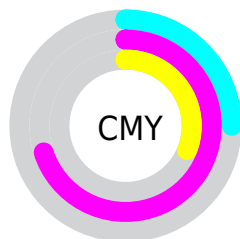
- Red (75%)
- Green (30%)
- Blue (69%)



- Red (75%)
- Yellow (30%)
- Blue (69%)



- Cyan (0%)
- Magenta (60%)
- Yellow (7%)
- Black (25%)





- Cyan (25%)
- Magenta (70%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 65.846, 331.527 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, 65.846, 331.527 by changing the saturation by 10% instead.


 51, 65.846,
331.527


 51, 65.846,
331.527


 100, 65.846,
331.527


 41, 65.846,
331.527


 71, 65.846,
331.527

 31, 65.846,
331.527

 81, 65.846,
331.527

 21, 65.846,
331.527

 91, 65.846,
331.527

 11, 65.846,
331.527

 1, 65.846, 331.527

 0, 65.846, 331.527

51, 65.846,
331.527

51, 65.846,
331.527

48, 73.616,
332.100

54, 56.448,
330.942

46, 79.326,
332.665

58, 45.918,
330.345

45, 82.712,
333.236

63, 34.697,
329.741

44, 84.130,
333.826

67, 23.140,
329.137

44, 84.133,
333.827

72, 11.509,
328.531

77, 0.017, 164.745

82, 11.322,
147.440

87, 22.343,
146.889

■ 92, 33.046,
146.371

Harmonies

Complementary

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



51, 65.846, 331.527



69, 66.808, 142.452

Rectangle

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



51, 65.846, 331.527



51, 65.846, 21.527



51, 65.846, 151.527



51, 65.846, 201.527

Sweetspot

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



51, 65.844, 331.527



86, 25.811, 329.035



40, 68.847, 301.989



45, 18.094, 329.213



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, 65.844, 331.527



61, 92.241, 332.280



49, 49.986, 358.671



37, 6.496, 328.493



36, 73.512, 333.740



3, 19.032, 330.299

Inverse Universe

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



51, 65.844, 331.527



61, 92.241, 332.280



70, 44.515, 163.569



37, 6.496, 328.493



36, 73.512, 333.740



3, 19.032, 330.299

Previews

White Background



This preview shows how the CIELCh color 51, 65.846, 331.527 looks on a white background.

Color Contrast Check

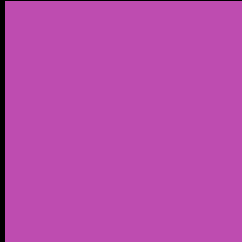
Large Text (above 18pt) WCAG AA ✓ Pass

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, 65.846, 331.527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

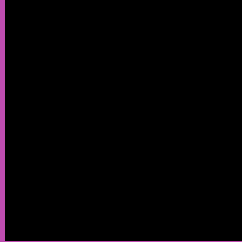
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 65.846, 331.527

Background



This preview shows how black text looks on a background with the CIELCh color 51, 65.846, 331.527.

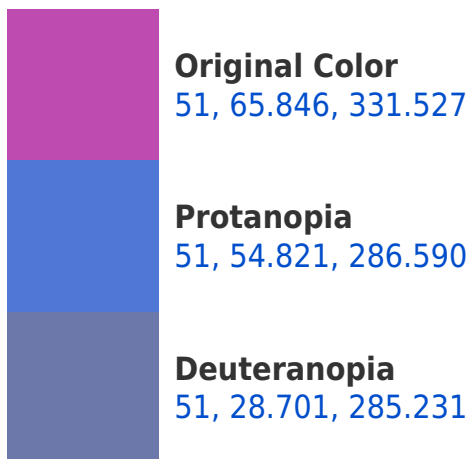


This preview shows how white text looks on a background with the CIELCh color 51, 65.846, 331.527.

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, 37.280, 18.509

Trichromacy



Original Color
51, 65.846, 331.527



Protanomaly
49, 57.014, 301.840



Deuteranomaly
50, 41.441, 310.543



Tritanomaly
51, 43.578, 353.963

Monochromacy



Original Color
51, 65.846, 331.527



Achromatopsia
51, 0.007, 296.813



Achromatomaly
50, 26.904, 329.498

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 65.846, 331.527 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(190, 76, 176)` looks like.

```
.text, #text, p{  
    color:rgb(190, 76, 176)  
}
```

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(190, 76, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 76, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 65.846, 331.527 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(190, 76, 176) }
```

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

```
.border{ border-color:rgb(190, 76, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 76, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 76, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 76, 176);  
box-shadow:4px 4px 4px 4px rgb(190, 76,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 65.846, 331.527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 76, 176) }
```

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

```
.background{ background-color: rgb(190, 76,  
176) }
```

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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