

Converting Colors

CIELCh(50, 65.285, 331.189)

Have a look what the booklet for
CIELCh(50, 65.285, 331.189)
contains.

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Color

CIELCh(50, 65.213, 331.287)

Conversions

Conversions Part 1

Format	Color
Hex	BA4AAD
RGB	186, 74, 173
RGB Percent	73%, 29%, 68%
CMY	0.2697, 0.7089, 0.3207
CMYK	0.00, 0.60, 0.07, 0.27
HSL	307°, 45%, 51%
HSV	307°, 60%, 73%
XYZ	30.3302, 18.4187, 41.5985
YIQ	118.7740, 34.9730, 54.5330

Conversions

Conversions Part 2

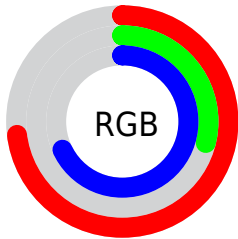
Format	Color
R_{YB}	186, 74, 173
Decimal	12208813
CIE _{Lab}	50.00, 57.19, -31.33
CIE _{LCh}	50, 65.213, 331.287
Yxy	18.4187, 0.3357, 0.2039
Android (android.graphics.Color)	4290398893 (0xFFBA4AAD)
YUV	118.7740, 26.7334, 58.9572
Hunter-Lab	42.9170, 51.0446, -27.4267

Details

The CIELCh color **50, 65.213, 331.287** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **68, 66.173, 142.254**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 65.163, 331.083**, and **30, 65.212, 331.444** is the 20% darker color. If you saturate the color by 10%, you get **47, 72.879, 331.843**, and if you desaturate by 10%, it is **53, 55.941, 330.714**.

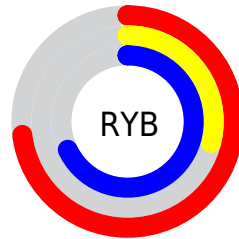
Distribution



Red (73%)

Green (29%)

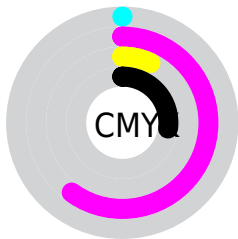
Blue (68%)



Red (73%)

Yellow (29%)

Blue (68%)

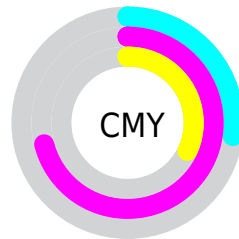


Cyan (0%)

Magenta (60%)

Yellow (7%)

Black (27%)



Cyan (27%)


Magenta (71%)


Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 65.213, 331.287 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 50, 65.213, 331.287 by changing the saturation by 10% instead.


 50, 65.213,
331.287


 50, 65.213,
331.287


 100, 65.213,
331.287


 40, 65.213,
331.287


 70, 65.213,
331.287

 30, 65.213,
331.287


 80, 65.213,
331.287


 20, 65.213,
331.287

 90, 65.213,
331.287

 10, 65.213,
331.287

 0, 65.213, 331.287

 50, 65.213,
331.287

 50, 65.213,
331.287

47, 72.879,
331.843

53, 55.941,
330.714

45, 78.516,
332.387

57, 45.548,
330.127

44, 81.870,
332.930

61, 34.469,
329.531

43, 83.307,
333.476

66, 23.054,
328.932

71, 11.562,
328.331

76, 0.171, 326.191

81, 11.006,
147.245

86, 21.903,
146.696

91, 32.485,
146.179

Harmonies

Complementary

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



50, 65.213, 331.287



68, 66.173, 142.254

Rectangle

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



50, 65.213, 331.287



50, 65.213, 21.287



50, 65.213, 151.287



50, 65.213, 201.287

Sweetspot

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



50, 65.211, 331.287



85, 25.496, 328.821



39, 67.938, 301.630



44, 17.872, 328.996



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



50, 65.211, 331.287



60, 91.150, 332.010



48, 49.543, 357.483



37, 6.526, 328.283



36, 73.890, 333.403



3, 19.159, 329.994

Inverse Universe

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



50, 65.211, 331.287



60, 91.150, 332.010



68, 44.572, 162.527



37, 6.526, 328.283



36, 73.890, 333.403



3, 19.159, 329.994

Previews

White Background



This preview shows how the CIELCh color 50, 65.213, 331.287 looks on a white background.

Color Contrast Check

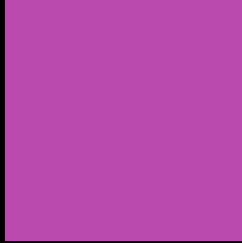
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 50, 65.213, 331.287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

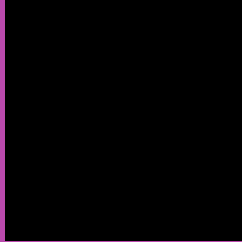
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 65.213, 331.287

Background



This preview shows how black text looks on a background with the CIELCh color 50, 65.213, 331.287.

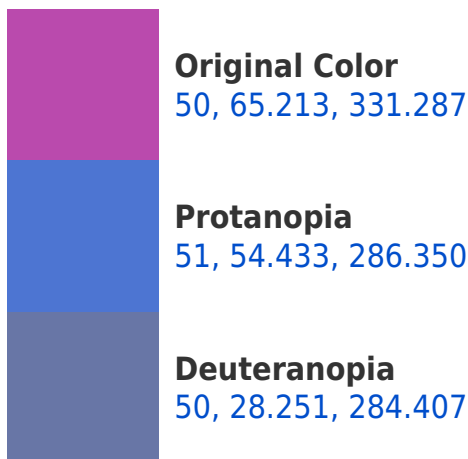


This preview shows how white text looks on a background with the CIELCh color 50, 65.213, 331.287.

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
50, 36.540, 18.335

Trichromacy



Original Color
50, 65.213, 331.287

Protanomaly
48, 56.596, 301.623

Deuteranomaly
49, 40.929, 310.299

Tritanomaly
50, 42.818, 354.060

Monochromacy



Original Color
50, 65.213, 331.287

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 26.095, 328.848

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 65.213, 331.287 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(186, 74, 173)` looks like.

```
.text, #text, p{  
    color:rgb(186, 74, 173)  
}
```

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(186, 74, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 74, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 65.213, 331.287 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(186, 74, 173) }
```

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

```
.border{ border-color:rgb(186, 74, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 74, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 74, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 74, 173);  
box-shadow:4px 4px 4px 4px rgb(186, 74,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 65.213, 331.287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 74, 173) }
```

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

```
.background{ background-color: rgb(186, 74,  
173) }
```

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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