

Converting Colors

CIELCh(50, 75.629, 328.109)

Have a look what the booklet for
CIELCh(50, 75.629, 328.109)
contains.

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Color

CIELCh(50, 75.381, 328.116)

Conversions

Conversions Part 1

Format	Color
Hex	BE42BC
RGB	190, 66, 188
RGB Percent	75%, 26%, 74%
CMY	0.2557, 0.7419, 0.2635
CMYK	0.00, 0.65, 0.01, 0.26
HSL	301°, 49%, 50%
HSV	301°, 65%, 74%
XYZ	32.1810, 18.4187, 49.3314
YIQ	116.9840, 34.7420, 64.2300

Conversions

Conversions Part 2

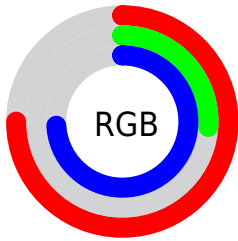
Format	Color
R _Y B	190, 66, 188
Decimal	12468924
CIE _{Lab}	50.00, 64.01, -39.82
CIE _{LCh}	50, 75.381, 328.116
Y _{xy}	18.4187, 0.3220, 0.1843
Android (android.graphics.Color)	4290659004 (0xFFBE42BC)
YUV	116.9840, 35.0109, 64.0350
Hunter-Lab	42.9170, 58.7426, -38.1098

Details

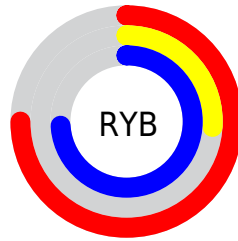
The CIELCh color **50, 75.381, 328.116** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **68, 76.566, 139.034**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 75.394, 328.030**, and **31, 71.679, 327.945** is the 20% darker color. If you saturate the color by 10%, you get **48, 82.705, 328.431**, and if you desaturate by 10%, it is **53, 66.137, 327.727**.

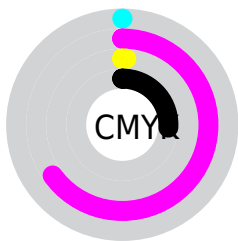
Distribution



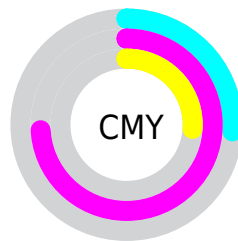
- Red (75%)
- Green (26%)
- Blue (74%)



- Red (75%)
- Yellow (26%)
- Blue (74%)



- Cyan (0%)
- Magenta (65%)
- Yellow (1%)
- Black (26%)





- Cyan (26%)
- Magenta (74%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 75.381, 328.116 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, 75.381, 328.116 by changing the saturation by 10% instead.


 50, 75.381,
328.116


 50, 75.381,
328.116


 100, 75.381,
328.116


 40, 75.381,
328.116


 70, 75.381,
328.116

 30, 75.381,
328.116


 80, 75.381,
328.116


 20, 75.381,
328.116

 90, 75.381,
328.116

 10, 75.381,
328.116

 0, 75.381, 328.116

 50, 75.381,
328.116

 50, 75.381,
328.116

48, 82.705,
328.431

53, 66.137,
327.727

46, 87.784,
328.666

57, 55.440,
327.275

45, 90.553,
328.823

61, 43.764,
326.777

45, 91.401,
328.882

65, 31.527,
326.246

69, 19.056,
325.697

74, 6.591, 325.124

79, 5.708, 144.665

84, 17.737,
144.107

89, 29.440,
143.594

Harmonies

Complementary

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



50, 75.381, 328.116



68, 76.566, 139.034

Rectangle

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



50, 75.381, 328.116



50, 75.381, 18.116



50, 75.381, 148.116



50, 75.381, 198.116

Sweetspot

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



50, 75.379, 328.116



85, 30.867, 325.973



35, 75.744, 300.698



44, 21.234, 326.129



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



50, 75.379, 328.116



61, 103.689, 328.534



47, 55.908, 351.614



37, 6.992, 325.361



37, 79.851, 328.873



3, 21.156, 326.007

Inverse Universe

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



50, 75.379, 328.116



61, 103.689, 328.534



69, 53.101, 156.080



37, 6.992, 325.361



37, 79.851, 328.873



3, 21.156, 326.007

Previews

White Background



This preview shows how the CIELCh color 50, 75.381, 328.116 looks on a white background.

Color Contrast Check

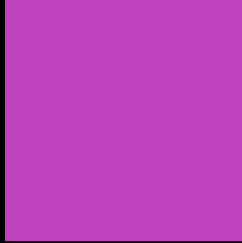
Large Text (above 18pt) WCAG AA ✓ Pass

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 50, 75.381, 328.116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

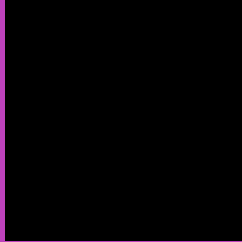
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 75.381, 328.116

Background



This preview shows how black text looks on a background with the CIELCh color 50, 75.381, 328.116.

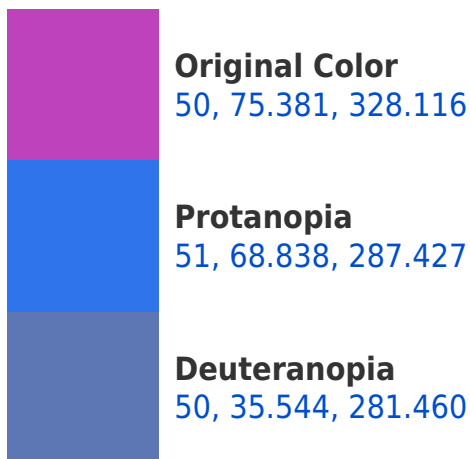


This preview shows how white text looks on a background with the CIELCh color 50, 75.381, 328.116.

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, 37.967, 19.652

Trichromacy



Original Color
50, 75.381, 328.116



Protanomaly
47, 69.759, 298.698



Deuteranomaly
48, 49.101, 306.375



Tritanomaly
50, 46.655, 351.295

Monochromacy



Original Color
50, 75.381, 328.116



Achromatopsia
49, 0.007, 296.813



Achromatomaly
48, 31.371, 326.093

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 75.381, 328.116 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, 66, 188)` looks like.

```
.text, #text, p{  
    color:rgb(190, 66, 188)  
}
```

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, 66, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 66, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 75.381, 328.116 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, 66, 188) }
```

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

```
.border{ border-color:rgb(190, 66, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 66, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 66, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 66, 188);  
box-shadow:4px 4px 4px 4px rgb(190, 66,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 75.381, 328.116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 66, 188) }
```

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

```
.background{ background-color: rgb(190, 66,  
188) }
```

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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