

Converting Colors

CIELCh(50, 78.218, 330.518)

Have a look what the booklet for
CIELCh(50, 78.218, 330.518)
contains.

CIELCh(50, 78.423, 330.479)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(50, 78.423, 330.479)

Conversions

Conversions Part 1

Format	Color
Hex	C53ABA
RGB	197, 58, 186
RGB Percent	77%, 23%, 73%
CMY	0.2278, 0.7729, 0.2709
CMYK	0.00, 0.71, 0.06, 0.23
HSL	305°, 55%, 50%
HSV	305°, 71%, 77%
XYZ	33.3684, 18.4187, 48.2090
YIQ	114.1530, 41.7560, 69.2760

Conversions

Conversions Part 2

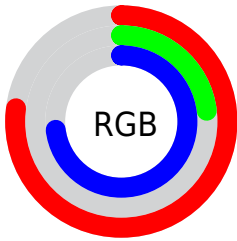
Format	Color
R_{YB}	197, 58, 186
Decimal	12925626
CIE _{Lab}	50.00, 68.24, -38.64
CIE _{LCh}	50, 78.423, 330.479
Yxy	18.4187, 0.3337, 0.1842
Android (android.graphics.Color)	4291115706 (0xFFC53ABA)
YUV	114.1530, 35.4206, 72.6568
Hunter-Lab	42.9170, 63.6810, -36.5591

Details

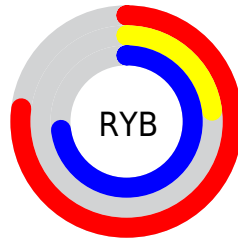
The CIELCh color **50, 78.423, 330.479** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted rose. A complement of this color would be **70, 80.617, 139.858**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **70, 78.472, 329.987**, and **32, 70.803, 330.291** is the 20% darker color. If you saturate the color by 10%, you get **48, 84.359, 330.913**, and if you desaturate by 10%, it is **53, 70.309, 330.006**.

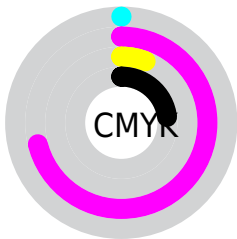
Distribution



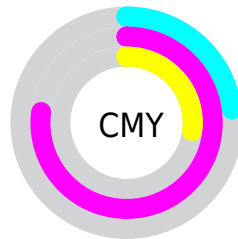
- Red (77%)
- Green (23%)
- Blue (73%)



- Red (77%)
- Yellow (23%)
- Blue (73%)



- Cyan (0%)
- Magenta (71%)
- Yellow (6%)
- Black (23%)





- Cyan (23%)
- Magenta (77%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 78.423, 330.479 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, 78.423, 330.479 by changing the saturation by 10% instead.

 50, 78.423,
330.479

 50, 78.423,
330.479


 100, 78.423,
330.479

 40, 78.423,
330.479


 70, 78.423,
330.479

 30, 78.423,
330.479


 80, 78.423,
330.479


 20, 78.423,
330.479

 90, 78.423,
330.479

 10, 78.423,
330.479

 0, 78.423, 330.479

 50, 78.423,
330.479

 50, 78.423,
330.479

48, 84.359,
330.913

53, 70.309,
330.006

47, 87.891,
331.312

56, 60.461,
329.494

46, 89.386,
331.670

60, 49.380,
328.951

65, 37.531,
328.387

69, 25.297,
327.810

74, 12.961,
327.227

79, 0.721, 326.303

84, 11.295,
146.156

90, 23.013,
145.612

Harmonies

Complementary

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



50, 78.423, 330.479



70, 80.617, 139.858

Rectangle

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



50, 78.423, 330.479



50, 78.423, 20.479



50, 78.423, 150.479



50, 78.423, 200.479

Sweetspot

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



50, 78.420, 330.479



87, 31.831, 327.853



34, 84.429, 302.883



45, 21.546, 328.015



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



50, 78.420, 330.479



61, 105.292, 331.144



47, 59.415, 357.628



39, 6.994, 327.156



38, 77.825, 331.619



4, 24.982, 329.765

Inverse Universe

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



50, 78.420, 330.479



61, 105.292, 331.144



71, 54.571, 158.757



39, 6.994, 327.156



38, 77.825, 331.619



4, 24.982, 329.765

Previews

White Background



This preview shows how the CIELCh color 50, 78.423, 330.479 looks on a white background.

Color Contrast Check

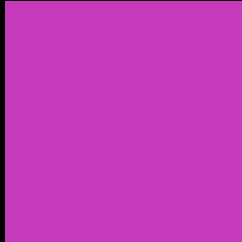
Large Text (above 18pt) WCAG AA ✓ Pass

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, 78.423, 330.479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

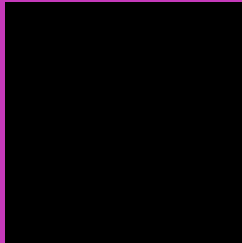
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 78.423, 330.479

Background



This preview shows how black text looks on a background with the CIELCh color 50, 78.423, 330.479.

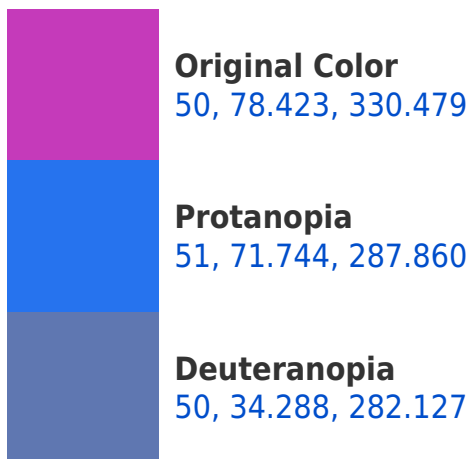


This preview shows how white text looks on a background with the CIELCh color 50, 78.423, 330.479.

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, 43.418, 21.312

Trichromacy



Original Color
50, 78.423, 330.479



Protanomaly
46, 73.438, 299.340



Deuteranomaly
48, 50.142, 308.932



Tritanomaly
49, 50.922, 354.680

Monochromacy



Original Color
50, 78.423, 330.479



Achromatopsia
48, 0.006, 296.813



Achromatomaly
47, 32.924, 328.603

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 78.423, 330.479 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(197, 58, 186)` looks like.

```
.text, #text, p{  
    color:rgb(197, 58, 186)  
}
```

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(197, 58, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 58, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 78.423, 330.479 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(197, 58, 186) }
```

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

```
.border{ border-color:rgb(197, 58, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 58, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 58, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 58, 186);  
box-shadow:4px 4px 4px 4px rgb(197, 58,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 78.423, 330.479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 58, 186) }
```

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

```
.background{ background-color: rgb(197, 58,  
186) }
```

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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