

Converting Colors

CIELCh(51, 78.890, 328.453)

Have a look what the booklet for
CIELCh(51, 78.890, 328.453)
contains.

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Color

CIELCh(51, 78.659, 328.406)

Conversions

Conversions Part 1

Format	Color
Hex	C440C1
RGB	196, 64, 193
RGB Percent	77%, 25%, 76%
CMY	0.2312, 0.7488, 0.2429
CMYK	0.00, 0.67, 0.02, 0.23
HSL	301°, 53%, 51%
HSV	301°, 67%, 77%
XYZ	34.2470, 19.2686, 52.3958
YIQ	118.1740, 37.2630, 68.1030

Conversions

Conversions Part 2

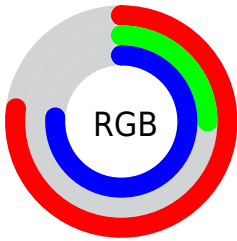
Format	Color
R_{YB}	196, 64, 193
Decimal	12861633
CIE _{Lab}	51.00, 67.00, -41.21
CIE _{LCh}	51, 78.659, 328.406
Yxy	19.2686, 0.3234, 0.1819
Android (android.graphics.Color)	4291051713 (0xFFC440C1)
YUV	118.1740, 36.8892, 68.2534
Hunter-Lab	43.8960, 62.4447, -40.0434

Details

The CIELCh color **51, 78.659, 328.406** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **70, 80.101, 138.937**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 78.591, 328.286**, and **33, 73.589, 328.233** is the 20% darker color. If you saturate the color by 10%, you get **49, 85.662, 328.719**, and if you desaturate by 10%, it is **54, 69.594, 328.020**.

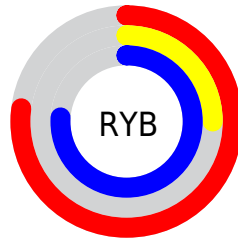
Distribution



Red (77%)

Green (25%)

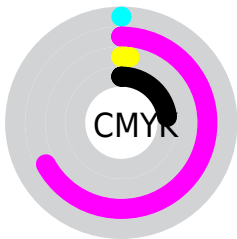
Blue (76%)



Red (77%)

Yellow (25%)

Blue (76%)

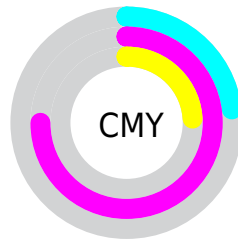


Cyan (0%)

Magenta (67%)

Yellow (2%)

Black (23%)



Cyan (23%)

Magenta (75%)


Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 78.659, 328.406 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, 78.659, 328.406 by changing the saturation by 10% instead.


 51, 78.659,
328.406


 51, 78.659,
328.406

 100, 78.659,
328.406

 41, 78.659,
328.406

 71, 78.659,
328.406

 31, 78.659,
328.406

 81, 78.659,
328.406

 21, 78.659,
328.406

 91, 78.659,
328.406

 11, 78.659,
328.406

 1, 78.659, 328.406

 0, 78.659, 328.406

■ 51, 78.659,
328.406

■ 51, 78.659,
328.406

■ 49, 85.662,
328.719

■ 54, 69.594,
328.020

■ 47, 90.312,
328.955

■ 57, 58.933,
327.571

■ 47, 92.675,
329.122

■ 61, 47.169,
327.075

■ 46, 93.141,
329.161

■ 66, 34.748,
326.545

■ 71, 22.027,
325.994

■ 75, 9.270, 325.427

■ 81, 3.344, 144.986

■ 86, 15.699,
144.392

■ 91, 27.728,
143.871

Harmonies

Complementary

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



51, 78.659, 328.406



70, 80.101, 138.937

Rectangle

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



51, 78.659, 328.406



51, 78.659, 18.406



51, 78.659, 148.406



51, 78.659, 198.406

Sweetspot

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



51, 78.657, 328.406



88, 31.496, 326.160



36, 80.269, 301.436



45, 21.492, 326.318



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



51, 78.657, 328.406



62, 107.574, 328.845



48, 58.254, 353.209



38, 7.115, 325.545



38, 80.376, 329.147



4, 23.714, 327.104

Inverse Universe

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



51, 78.657, 328.406



62, 107.574, 328.845



71, 54.977, 156.580



38, 7.115, 325.545



38, 80.376, 329.147



4, 23.714, 327.104

Previews

White Background



This preview shows how the CIELCh color 51, 78.659, 328.406 looks on a white background.

Color Contrast Check

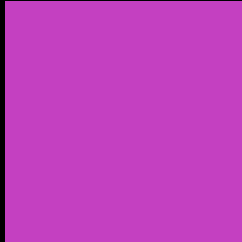
Large Text (above 18pt) WCAG AA ✓ Pass

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, 78.659, 328.406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

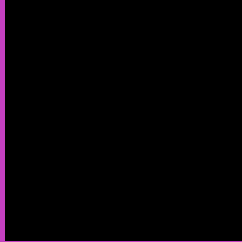
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 78.659, 328.406

Background



This preview shows how black text looks on a background with the CIELCh color 51, 78.659, 328.406.

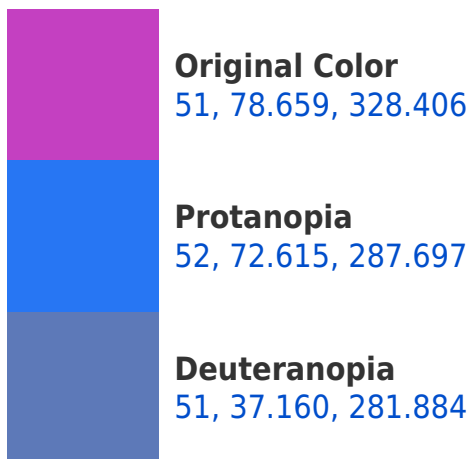


This preview shows how white text looks on a background with the CIELCh color 51, 78.659, 328.406.

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, 40.440, 19.561

Trichromacy



Original Color
51, 78.659, 328.406



Protanomaly
48, 74.225, 298.552



Deuteranomaly
49, 51.941, 306.603



Tritanomaly
50, 49.516, 351.249

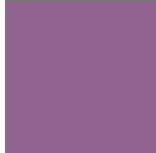
Monochromacy



Original Color
51, 78.659, 328.406



Achromatopsia
50, 0.007, 296.813



Achromatomaly
48, 32.849, 326.748

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 78.659, 328.406 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(196, 64, 193)` looks like.

```
.text, #text, p{  
    color:rgb(196, 64, 193)  
}
```

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(196, 64, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 64, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 78.659, 328.406 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(196, 64, 193) }
```

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

```
.border{ border-color:rgb(196, 64, 193) }
```

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

Here you see how a box with a 4 pixel rgb(196, 64, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 64, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 64, 193);  
box-shadow:4px 4px 4px 4px rgb(196, 64,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 78.659, 328.406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 64, 193) }
```

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

```
.background{ background-color: rgb(196, 64,  
193) }
```

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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