

Converting Colors

CIELCh(51, 78.608, 327.891)

Have a look what the booklet for
CIELCh(51, 78.608, 327.891)
contains.

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Color

CIELCh(51, 78.573, 327.901)

Conversions

Conversions Part 1

Format	Color
Hex	C341C2
RGB	195, 65, 194
RGB Percent	76%, 25%, 76%
CMY	0.2354, 0.7452, 0.2393
CMYK	0.00, 0.67, 0.01, 0.24
HSL	300°, 52%, 51%
HSV	300°, 67%, 76%
XYZ	34.1204, 19.2686, 52.9426
YIQ	118.5760, 36.0710, 67.6790

Conversions

Conversions Part 2

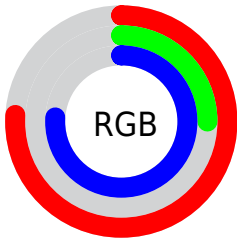
Format	Color
R_{YB}	195, 65, 194
Decimal	12796354
CIE _{Lab}	51.00, 66.56, -41.75
CIE _{LCh}	51, 78.573, 327.901
Yxy	19.2686, 0.3209, 0.1812
Android (android.graphics.Color)	4290986434 (0xFFC341C2)
YUV	118.5760, 37.1840, 67.0238
Hunter-Lab	43.8960, 61.9303, -40.7819

Details

The CIELCh color **51, 78.573, 327.901** 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, 79.834, 138.676**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 78.349, 327.809**, and **32, 74.016, 327.681** is the 20% darker color. If you saturate the color by 10%, you get **49, 85.788, 328.188**, and if you desaturate by 10%, it is **54, 69.328, 327.534**.

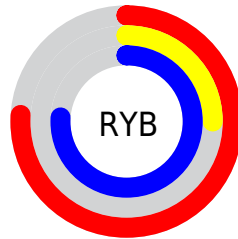
Distribution



Red (76%)

Green (25%)

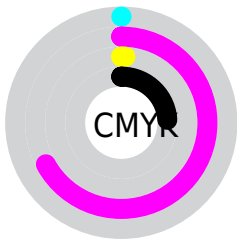
Blue (76%)



Red (76%)

Yellow (25%)

Blue (76%)

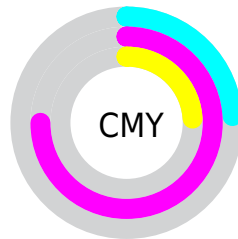


Cyan (0%)

Magenta (67%)

Yellow (1%)

Black (24%)



Cyan (24%)


Magenta (75%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 78.573, 327.901 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, 78.573, 327.901 by changing the saturation by 10% instead.


 51, 78.573,
327.901


 51, 78.573,
327.901


 100, 78.573,
327.901


 41, 78.573,
327.901


 71, 78.573,
327.901

 31, 78.573,
327.901

 81, 78.573,
327.901

 21, 78.573,
327.901

 91, 78.573,
327.901

 11, 78.573,
327.901

 1, 78.573, 327.901

 0, 78.573, 327.901

51, 78.573,
327.901

51, 78.573,
327.901

49, 85.788,
328.188

54, 69.328,
327.534

47, 90.674,
328.389

57, 58.519,
327.099

46, 93.248,
328.509

61, 46.635,
326.612

46, 93.862,
328.541

66, 34.117,
326.090

71, 21.317,
325.545

75, 8.492, 324.980

80, 4.180, 144.529

86, 16.587,
143.954

■ 91, 28.662,
143.437

Harmonies

Complementary

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



51, 78.573, 327.901



70, 79.834, 138.676

Rectangle

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



51, 78.573, 327.901



51, 78.573, 17.901



51, 78.573, 147.901



51, 78.573, 197.901

Sweetspot

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



51, 78.571, 327.901



87, 31.560, 325.745



36, 79.143, 301.022



45, 21.711, 325.901



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, 78.571, 327.901



62, 107.266, 328.291



48, 57.991, 351.913



38, 7.188, 325.136



38, 81.321, 328.536



4, 24.044, 326.606

Inverse Universe

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



51, 78.571, 327.901



62, 107.266, 328.291



71, 55.155, 155.832



38, 7.188, 325.136



38, 81.321, 328.536



4, 24.044, 326.606

Previews

White Background



This preview shows how the CIELCh color 51, 78.573, 327.901 looks on a white background.

Color Contrast Check

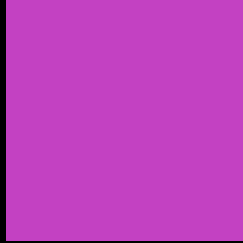
Large Text (above 18pt) WCAG AA ✓ Pass

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, 78.573, 327.901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

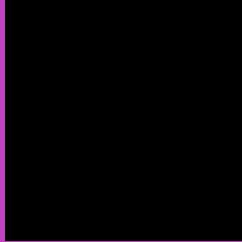
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 78.573, 327.901

Background



This preview shows how black text looks on a background with the CIELCh color 51, 78.573, 327.901.

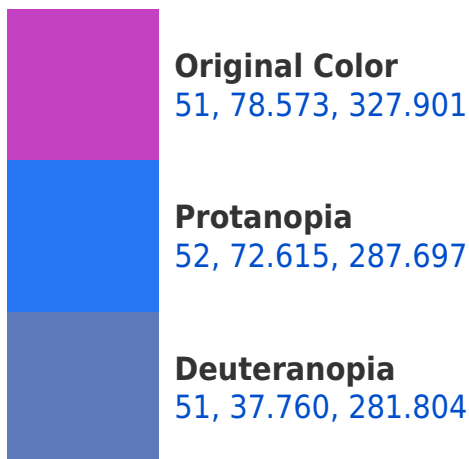


This preview shows how white text looks on a background with the CIELCh color 51, 78.573, 327.901.

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, 39.103, 19.132

Trichromacy



Original Color
51, 78.573, 327.901



Protanomaly
48, 73.595, 298.282



Deuteranomaly
49, 51.808, 305.884



Tritanomaly
50, 48.665, 350.183

Monochromacy



Original Color
51, 78.573, 327.901



Achromatopsia
50, 0.007, 296.813



Achromatomaly
49, 32.812, 326.738

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 78.573, 327.901 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(195, 65, 194)` looks like.

```
.text, #text, p{  
    color:rgb(195, 65, 194)  
}
```

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(195, 65, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 65, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 78.573, 327.901 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(195, 65, 194) }
```

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

```
.border{ border-color:rgb(195, 65, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 65, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 65, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 65, 194);  
box-shadow:4px 4px 4px 4px rgb(195, 65,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 78.573, 327.901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 65, 194) }
```

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

```
.background{ background-color: rgb(195, 65,  
194) }
```

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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