

Converting Colors

CIELCh(51, 90.139, 329.067)

Have a look what the booklet for
CIELCh(51, 90.139, 329.067)
contains.

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Color

CIELCh(51, 90.002, 329.051)

Conversions

Conversions Part 1

Format	Color
Hex	CF2BCA
RGB	207, 43, 202
RGB Percent	81%, 17%, 79%
CMY	0.1881, 0.8311, 0.2077
CMYK	0.00, 0.79, 0.02, 0.19
HSL	302°, 66%, 49%
HSV	302°, 79%, 81%
XYZ	37.2739, 19.2686, 57.6541
YIQ	110.1620, 46.7050, 84.2170

Conversions

Conversions Part 2

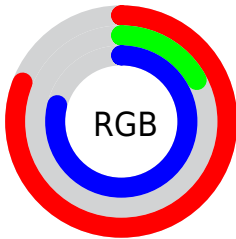
Format	Color
R_{YB}	207, 43, 202
Decimal	13577162
CIE _{Lab}	51.00, 77.19, -46.29
CIE _{LCh}	51, 90.002, 329.051
Yxy	19.2686, 0.3264, 0.1687
Android (android.graphics.Color)	4291767242 (0xFFCF2BCA)
YUV	110.1620, 45.2761, 84.9269
Hunter-Lab	43.8960, 74.7534, -47.1456

Details

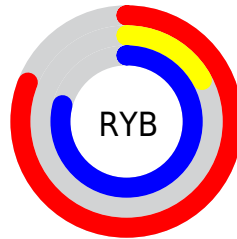
The CIELCh color **51, 90.002, 329.051** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted magenta. A complement of this color would be **73, 92.992, 137.733**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 87.120, 327.363**, and **35, 76.632, 328.497** is the 20% darker color. If you saturate the color by 10%, you get **50, 94.262, 329.295**, and if you desaturate by 10%, it is **53, 83.236, 328.735**.

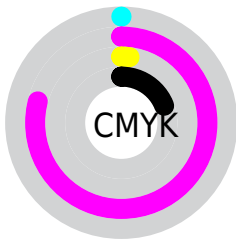
Distribution



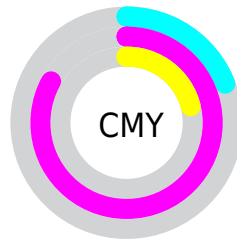
- Red (81%)
- Green (17%)
- Blue (79%)



- Red (81%)
- Yellow (17%)
- Blue (79%)



- Cyan (0%)
- Magenta (79%)
- Yellow (2%)
- Black (19%)





- Cyan (19%)
- Magenta (83%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 90.002, 329.051 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, 90.002, 329.051 by changing the saturation by 10% instead.


 51, 90.002,
329.051


 51, 90.002,
329.051


 100, 90.002,
329.051


 41, 90.002,
329.051


 71, 90.002,
329.051

 31, 90.002,
329.051

 81, 90.002,
329.051

 21, 90.002,
329.051

 91, 90.002,
329.051

 11, 90.002,
329.051

 1, 90.002, 329.051

 0, 90.002, 329.051

■ 51, 90.002,
329.051

■ 51, 90.002,
329.051

■ 50, 94.262,
329.295

■ 53, 83.236,
328.735

■ 49, 96.287,
329.479

■ 56, 74.231,
328.349

■ 49, 96.418,
329.492

■ 60, 63.445,
327.901

■ 64, 51.403,
327.404

■ 68, 38.589,
326.872

■ 73, 25.397,
326.319

■ 78, 12.121,
325.752

■ 84, 1.034, 145.485

■ 89, 13.937,
144.702

Harmonies

Complementary

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



51, 90.002, 329.051



73, 92.992, 137.733

Rectangle

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



51, 90.002, 329.051



51, 90.002, 19.051



51, 90.002, 149.051



51, 90.002, 199.051

Sweetspot

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



51, 89.999, 329.051



85, 37.602, 326.602



31, 98.733, 303.872



43, 25.814, 326.801



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, 89.999, 329.051



60, 112.071, 329.425



48, 67.334, 356.287



41, 7.536, 325.764



40, 82.674, 329.474



6, 30.402, 328.822

Inverse Universe

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



51, 89.999, 329.051



60, 112.071, 329.425



74, 64.854, 154.319



41, 7.536, 325.764



40, 82.674, 329.474



6, 30.402, 328.822

Previews

White Background



This preview shows how the CIELCh color 51, 90.002, 329.051 looks on a white background.

Color Contrast Check

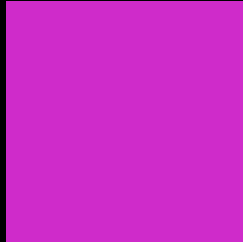
Large Text (above 18pt) WCAG AA ✓ Pass

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, 90.002, 329.051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

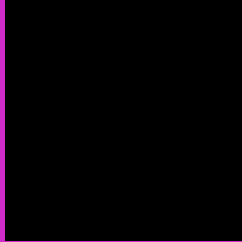
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 90.002, 329.051

Background



This preview shows how black text looks on a background with the CIELCh color 51, 90.002, 329.051.

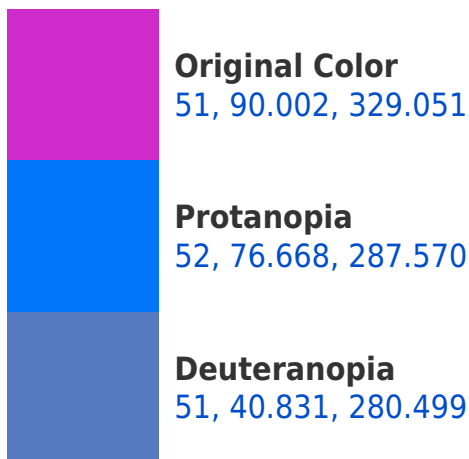


This preview shows how white text looks on a background with the CIELCh color 51, 90.002, 329.051.

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, 47.300, 22.305

Trichromacy



Original Color
51, 90.002, 329.051



Protanomaly
45, 83.389, 297.964



Deuteranomaly
48, 60.814, 307.319



Tritanomaly
50, 56.982, 352.513

Monochromacy



Original Color
51, 90.002, 329.051



Achromatopsia
46, 0.006, 296.813



Achromatomaly
45, 39.802, 327.524

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 90.002, 329.051 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(207, 43, 202)` looks like.

```
.text, #text, p{  
    color:rgb(207, 43, 202)  
}
```

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(207, 43, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 43, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 90.002, 329.051 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(207, 43, 202) }
```

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

```
.border{ border-color:rgb(207, 43, 202) }
```

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

Here you see how a box with a 4 pixel rgb(207, 43, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 43, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 43, 202);  
box-shadow:4px 4px 4px 4px rgb(207, 43,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 90.002, 329.051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 43, 202) }
```

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

```
.background{ background-color: rgb(207, 43,  
202) }
```

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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