

Converting Colors

CIELCh(50, 100.644, 327.294)

Have a look what the booklet for
CIELCh(50, 100.644, 327.294)
contains.

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Color

CIELCh(50, 100.474, 327.276)

Conversions

Conversions Part 1

Format	Color
Hex	D007D5
RGB	208, 7, 213
RGB Percent	82%, 3%, 84%
CMY	0.1833, 0.9723, 0.1637
CMYK	0.02, 0.97, 0.00, 0.16
HSL	299°, 94%, 43%
HSV	299°, 97%, 84%
XYZ	38.2070, 18.4187, 64.6606
YIQ	90.5830, 53.6700, 106.6780

Conversions

Conversions Part 2

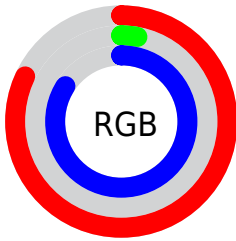
Format	Color
RYB	208, 7, 213
Decimal	13633493
CIELab	50.00, 84.53, -54.32
CIELCh	50, 100.474, 327.276
Yxy	18.4187, 0.3150, 0.1519
Android (android.graphics.Color)	4291823573 (0xFFD007D5)
YUV	90.5830, 60.3516, 102.9747
Hunter-Lab	42.9170, 83.8056, -59.2872

Details

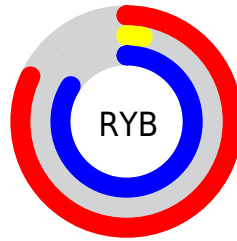
The CIELCh color **50, 100.474, 327.276** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **75, 103.806, 136.043**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **67, 93.125, 327.551**, and **36, 80.649, 326.259** is the 20% darker color. If you saturate the color by 10%, you get **50, 101.093, 327.271**, and if you desaturate by 10%, it is **51, 97.721, 327.257**.

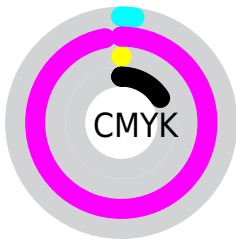
Distribution



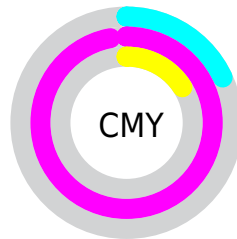
- Red (82%)
- Green (3%)
- Blue (84%)



- Red (82%)
- Yellow (3%)
- Blue (84%)



- Cyan (2%)
- Magenta (97%)
- Yellow (0%)
- Black (16%)





- Cyan (18%)
- Magenta (97%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 100.474, 327.276 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, 100.474, 327.276 by changing the saturation by 10% instead.


 50, 100.474,
327.276


 50, 100.474,
327.276


 100, 100.474,
327.276


 40, 100.474,
327.276


 70, 100.474,
327.276


 30, 100.474,
327.276

 80, 100.474,
327.276


 20, 100.474,
327.276

 90, 100.474,
327.276

 10, 100.474,
327.276

 0, 100.474,
327.276

 50, 100.474,

 50, 100.474,

327.276

327.276

■ 50, 101.093,
327.271

■ 51, 97.721,
327.257

■ 53, 92.437,
327.132

■ 55, 84.621,
326.902

■ 58, 74.620,
326.576

■ 62, 62.944,
326.171

■ 67, 50.131,
325.707

■ 71, 36.658,
325.202

■ 76, 22.900,
324.673

Harmonies

Complementary

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



50, 100.474, 327.276



75, 103.806, 136.043

Rectangle

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



50, 100.474, 327.276



50, 100.474, 17.276



50, 100.474, 147.276



50, 100.474, 197.276

Sweetspot

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



50, 100.472, 327.276



82, 46.020, 325.337



27, 113.952, 305.698



42, 31.510, 325.555



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, 100.472, 327.276



59, 115.695, 327.261



46, 74.198, 358.055



42, 7.789, 324.278



40, 85.698, 327.285



6, 32.810, 327.195

Inverse Universe

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



45, 88.678, 38.423



53, 103.630, 39.338



75, 79.272, 148.017



42, 4.549, 17.973



35, 76.325, 38.912



5, 21.981, 18.690

Previews

White Background



This preview shows how the CIE LCh color 50, 100.474, 327.276 looks on a white background.

Color Contrast Check

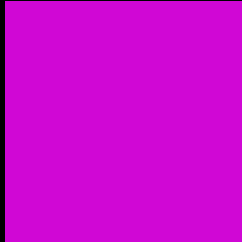
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 50, 100.474, 327.276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

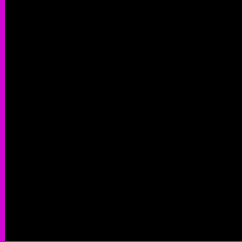
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 100.474, 327.276

Background



This preview shows how black text looks on a background with the CIELCh color 50, 100.474, 327.276.



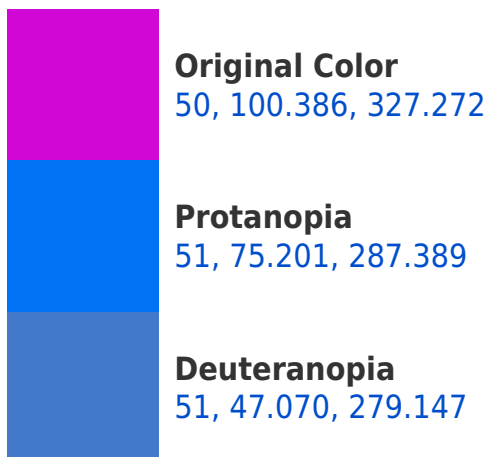
This preview shows how white text looks on a background with the CIELCh color 50, 100.474, 327.276.

327.276.

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, 48.495, 23.363

Trichromacy



Original Color
50, 100.386, 327.272



Protanomaly
42, 92.573, 301.343



Deuteranomaly
44, 74.243, 306.712



Tritanomaly
48, 63.329, 349.920

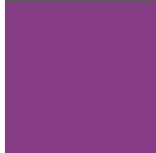
Monochromacy



Original Color
50, 100.386, 327.272



Achromatopsia
39, 0.005, 296.813



Achromatomaly
38, 50.893, 326.790

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 100.474, 327.276 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(208, 7, 213)` looks like.

```
.text, #text, p{  
    color:rgb(208, 7, 213)  
}
```

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(208, 7, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 7, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 100.474, 327.276 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(208, 7, 213) }
```

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

```
.border{ border-color:rgb(208, 7, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 7, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 7, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 7, 213);  
box-shadow:4px 4px 4px 4px rgb(208, 7,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 100.474, 327.276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 7, 213) }
```

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

```
.background{ background-color: rgb(208, 7,  
213) }
```

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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