

Converting Colors

CIELCh(50, 95.065, 324.327)

Have a look what the booklet for
CIELCh(50, 95.065, 324.327)
contains.

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Color

CIELCh(50, 95.074, 324.270)

Conversions

Conversions Part 1

Format	Color
Hex	C42BD7
RGB	196, 43, 215
RGB Percent	77%, 17%, 84%
CMY	0.2307, 0.8304, 0.1562
CMYK	0.09, 0.80, 0.00, 0.16
HSL	293°, 68%, 51%
HSV	293°, 80%, 84%
XYZ	35.9696, 18.4187, 66.0605
YIQ	108.3550, 35.9760, 85.9280

Conversions

Conversions Part 2

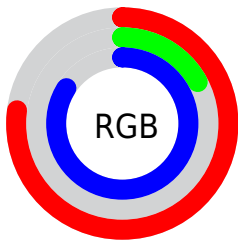
Format	Color
RYB	196, 43, 215
Decimal	12856279
CIELab	50.00, 77.18, -55.52
CIELCh	50, 95.074, 324.270
Yxy	18.4187, 0.2986, 0.1529
Android (android.graphics.Color)	4291046359 (0xFFC42BD7)
YUV	108.3550, 52.5760, 76.8647
Hunter-Lab	42.9170, 74.5001, -61.2211

Details

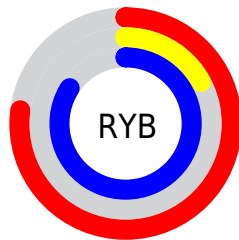
The CIELCh color **50, 95.074, 324.270** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **76, 95.889, 135.815**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 87.603, 327.378**, and **34, 82.052, 322.981** is the 20% darker color. If you saturate the color by 10%, you get **48, 99.938, 324.172**, and if you desaturate by 10%, it is **53, 87.576, 324.205**.

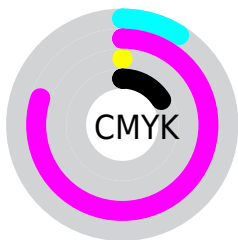
Distribution



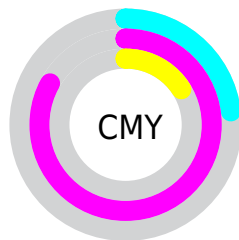
- Red (77%)
- Green (17%)
- Blue (84%)



- Red (77%)
- Yellow (17%)
- Blue (84%)



- Cyan (9%)
- Magenta (80%)
- Yellow (0%)
- Black (16%)





- Cyan (23%)
- Magenta (83%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 95.074, 324.270 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, 95.074, 324.270 by changing the saturation by 10% instead.


 50, 95.074,
324.270


 50, 95.074,
324.270


 100, 95.074,
324.270


 40, 95.074,
324.270


 70, 95.074,
324.270

 30, 95.074,
324.270


 80, 95.074,
324.270


 20, 95.074,
324.270

 90, 95.074,
324.270

 10, 95.074,
324.270

 0, 95.074, 324.270

 50, 95.074,
324.270

 50, 95.074,
324.270

48, 99.938,
324.172

53, 87.576,
324.205

47, 102.442,
323.923

56, 77.815,
324.000

47, 102.463,
323.920

60, 66.340,
323.684

65, 53.717,
323.290

70, 40.435,
322.843

75, 26.871,
322.368

80, 13.294,
321.876

86, 0.119, 143.480

92, 13.255,
140.969

Harmonies

Complementary

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



50, 95.074, 324.270



76, 95.889, 135.815

Rectangle

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



50, 95.074, 324.270



50, 95.074, 14.270



50, 95.074, 144.270



50, 95.074, 194.270

Sweetspot

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



50, 95.072, 324.270



85, 37.236, 322.576



36, 91.658, 300.467



43, 25.591, 322.746



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, 95.072, 324.270



56, 115.690, 324.001



50, 73.864, 346.852



42, 7.588, 321.851



37, 86.265, 323.986



5, 32.226, 324.087

Inverse Universe

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



48, 72.947, 26.750



54, 96.925, 34.564



76, 76.128, 147.938



42, 4.589, 11.031



35, 72.762, 35.016



5, 21.971, 14.842

Previews

White Background



This preview shows how the CIELCh color 50, 95.074, 324.270 looks on a white background.

Color Contrast Check

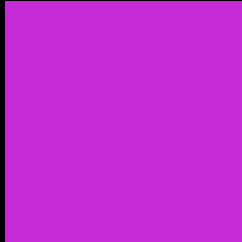
Large Text (above 18pt) WCAG AA ✓ Pass

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, 95.074, 324.270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

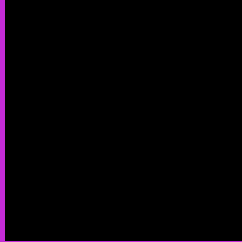
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 95.074, 324.270

Background



This preview shows how black text looks on a background with the CIELCh color 50, 95.074, 324.270.

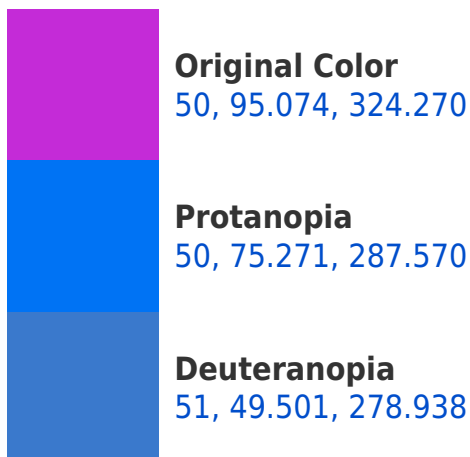


This preview shows how white text looks on a background with the CIELCh color 50, 95.074, 324.270.

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, 39.711, 19.421

Trichromacy



Original Color
50, 95.074, 324.270



Protanomaly
45, 85.264, 298.094



Deuteranomaly
46, 67.848, 301.630



Tritanomaly
49, 54.513, 344.934

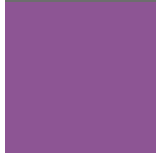
Monochromacy



Original Color
50, 95.074, 324.270



Achromatopsia
46, 0.006, 296.813



Achromatomaly
45, 42.184, 323.333

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 95.074, 324.270 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, 43, 215)` looks like.

```
.text, #text, p{  
    color:rgb(196, 43, 215)  
}
```

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, 43, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 43, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 95.074, 324.270 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, 43, 215) }
```

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

```
.border{ border-color:rgb(196, 43, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 43, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 43, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 43, 215);  
box-shadow:4px 4px 4px 4px rgb(196, 43,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 95.074, 324.270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 43, 215) }
```

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

```
.background{ background-color: rgb(196, 43,  
215) }
```

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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