

Converting Colors

CIELCh(50, 95.302, 328.162)

Have a look what the booklet for
CIELCh(50, 95.302, 328.162)
contains.

CIELCh(50, 95.207, 328.121)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(50, 95.207, 328.121)

Conversions

Conversions Part 1

Format	Color
Hex	CE1BCE
RGB	206, 27, 206
RGB Percent	81%, 11%, 81%
CMY	0.1914, 0.8925, 0.1914
CMYK	0.00, 0.87, 0.00, 0.19
HSL	300°, 77%, 46%
HSV	300°, 87%, 81%
XYZ	37.0750, 18.4187, 60.1165
YIQ	100.9270, 49.2250, 93.6170

Conversions

Conversions Part 2

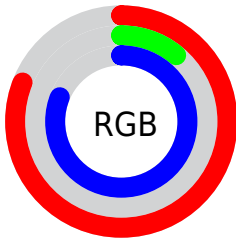
Format	Color
R _{YB}	206, 27, 206
Decimal	13507534
CIE _{Lab}	50.00, 80.85, -50.28
CIE _{LCh}	50, 95.207, 328.121
Y _{xy}	18.4187, 0.3207, 0.1593
Android (android.graphics.Color)	4291697614 (0xFFCE1BCE)
YUV	100.9270, 51.8010, 92.1490
Hunter-Lab	42.9170, 79.0977, -53.0093

Details

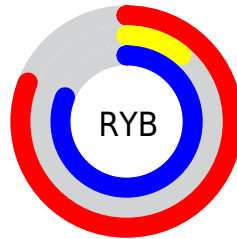
The CIELCh color **50, 95.207, 328.121** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **73, 98.117, 136.605**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 90.885, 327.481**, and **35, 78.263, 327.205** is the 20% darker color. If you saturate the color by 10%, you get **49, 97.856, 328.214**, and if you desaturate by 10%, it is **52, 90.124, 327.942**.

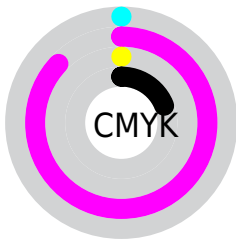
Distribution



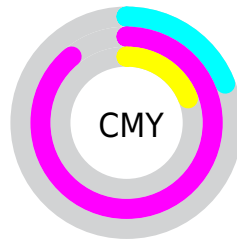
- Red (81%)
- Green (11%)
- Blue (81%)



- Red (81%)
- Yellow (11%)
- Blue (81%)



- Cyan (0%)
- Magenta (87%)
- Yellow (0%)
- Black (19%)





- Cyan (19%)
- Magenta (89%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 95.207, 328.121 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, 95.207, 328.121 by changing the saturation by 10% instead.


 50, 95.207,
328.121


 50, 95.207,
328.121


 100, 95.207,
328.121


 40, 95.207,
328.121


 70, 95.207,
328.121

 30, 95.207,
328.121


 80, 95.207,
328.121


 20, 95.207,
328.121

 90, 95.207,
328.121

 10, 95.207,
328.121

 0, 95.207, 328.121

 50, 95.207,
328.121

 50, 95.207,
328.121

49, 97.856,
328.214

52, 90.124,
327.942

49, 98.464,
328.235

54, 82.590,
327.671

57, 72.912,
327.316

61, 61.574,
326.890

65, 49.092,
326.408

69, 35.932,
325.888

74, 22.469,
325.345

79, 8.977, 324.780

85, 4.355, 144.327

Harmonies

Complementary

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



50, 95.207, 328.121



73, 98.117, 136.605

Rectangle

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



50, 95.207, 328.121



50, 95.207, 18.121



50, 95.207, 148.121



50, 95.207, 198.121

Sweetspot

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



50, 95.205, 328.121



84, 41.565, 325.868



28, 106.071, 304.976



43, 28.143, 326.054



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, 95.205, 328.121



60, 115.561, 328.235



46, 70.078, 357.294



40, 7.538, 324.935



39, 83.707, 328.235



5, 29.041, 327.499

Inverse Universe

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



50, 95.205, 328.121



60, 115.561, 328.235



73, 69.860, 151.906



40, 7.538, 324.935



39, 83.707, 328.235



5, 29.041, 327.499

Previews

White Background



This preview shows how the CIE LCh color 50, 95.207, 328.121 looks on a white background.

Color Contrast Check

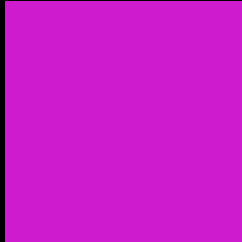
Large Text (above 18pt) WCAG AA ✓ Pass

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 50, 95.207, 328.121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

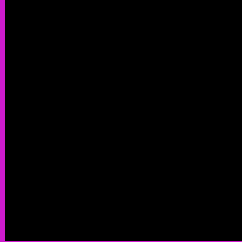
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 95.207, 328.121

Background



This preview shows how black text looks on a background with the CIELCh color 50, 95.207, 328.121.



This preview shows how white text looks on a background with the CIELCh color 50, 95.207, 328.121.

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



Original Color
50, 95.207, 328.121

Protanopia
51, 75.201, 287.389

Deuteranopia
50, 44.011, 279.961



Tritanopia
50, 48.072, 23.271

Trichromacy



Original Color
50, 95.207, 328.121



Protanomaly
44, 86.664, 299.493



Deuteranomaly
46, 66.774, 307.027



Tritanomaly
49, 59.951, 351.483

Monochromacy



Original Color
50, 95.207, 328.121



Achromatopsia
43, 0.006, 296.813



Achromatomaly
42, 44.808, 326.826

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 95.207, 328.121 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(206, 27, 206)` looks like.

```
.text, #text, p{  
    color:rgb(206, 27, 206)  
}
```

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(206, 27, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 27, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 95.207, 328.121 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(206, 27, 206) }
```

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

```
.border{ border-color:rgb(206, 27, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 27, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 27, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 27, 206);  
box-shadow:4px 4px 4px 4px rgb(206, 27,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 95.207, 328.121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 27, 206) }
```

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

```
.background{ background-color: rgb(206, 27,  
206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor