

Converting Colors

CIELCh(46, 93.234, 328.198)

Have a look what the booklet for
CIELCh(46, 93.234, 328.198)
contains.

CIELCh(46, 93.222, 328.214)	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(46, 93.222, 328.214)

Conversions

Conversions Part 1

Format	Color
Hex	C105C1
RGB	193, 5, 193
RGB Percent	76%, 2%, 76%
CMY	0.2436, 0.9818, 0.2435
CMYK	0.00, 0.98, 0.00, 0.24
HSL	300°, 95%, 39%
HSV	300°, 98%, 76%
XYZ	31.6279, 15.2687, 51.6717
YIQ	82.6440, 51.7000, 98.3240

Conversions

Conversions Part 2

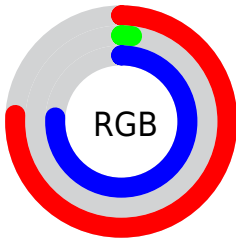
Format	Color
R_{YB}	193, 5, 193
Decimal	12649921
CIE _{Lab}	46.00, 79.24, -49.10
CIE _{LCh}	46, 93.222, 328.214
Yxy	15.2687, 0.3209, 0.1549
Android (android.graphics.Color)	4290840001 (0xFFC105C1)
YUV	82.6440, 54.4055, 96.7822
Hunter-Lab	39.0751, 76.0987, -51.0506

Details

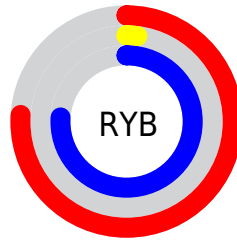
The CIELCh color **46, 93.222, 328.214** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **68, 96.529, 136.106**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **66, 93.218, 328.187**, and **32, 73.713, 326.850** is the 20% darker color. If you saturate the color by 10%, you get **46, 93.680, 328.231**, and if you desaturate by 10%, it is **47, 90.757, 328.124**.

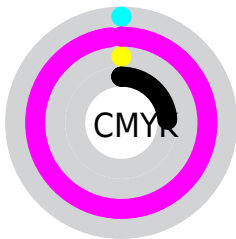
Distribution



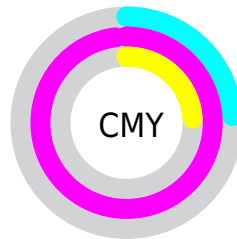
- Red (76%)
- Green (2%)
- Blue (76%)



- Red (76%)
- Yellow (2%)
- Blue (76%)



- Cyan (0%)
- Magenta (98%)
- Yellow (0%)
- Black (24%)





- Cyan (24%)
- Magenta (98%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 93.222, 328.214 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 46, 93.222, 328.214 by changing the saturation by 10% instead.


 46, 93.222,
328.214


 46, 93.222,
328.214


 100, 93.222,
328.214


 36, 93.222,
328.214

 66, 93.222,
328.214


 26, 93.222,
328.214

 76, 93.222,
328.214

 16, 93.222,
328.214

 86, 93.222,
328.214

 6, 93.222, 328.214

 96, 93.222,
328.214

 0, 93.222, 328.214

 46, 93.222,

 46, 93.222,

328.214

328.214

■ 46, 93.680,
328.231

■ 47, 90.757,
328.124

■ 48, 86.069,
327.950

■ 50, 79.058,
327.686

■ 53, 70.002,
327.338

■ 57, 59.350,
326.917

■ 61, 47.586,
326.441

■ 65, 35.155,
325.926

■ 69, 22.414,
325.386

Harmonies

Complementary

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



46, 93.222, 328.214



68, 96.529, 136.106

Rectangle

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



46, 93.222, 328.214



46, 93.222, 18.214



46, 93.222, 148.214



46, 93.222, 198.214

Sweetspot

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



46, 93.220, 328.214



81, 45.566, 326.024



24, 106.562, 305.898



41, 31.183, 326.247



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



46, 93.220, 328.214



59, 113.811, 328.231



42, 68.608, 359.656



38, 7.226, 324.929



38, 81.806, 328.231



4, 24.213, 326.357

Inverse Universe

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



40, 83.374, 39.318



52, 102.985, 39.999



69, 72.468, 148.762



38, 4.187, 19.917



33, 73.726, 39.722



3, 13.999, 19.403

Previews

White Background



This preview shows how the CIELCh color 46, 93.222, 328.214 looks on a white 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

Black Background



This preview shows how the CIE LCh color 46, 93.222, 328.214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

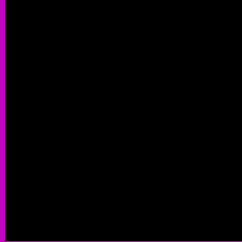
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 93.222, 328.214

Background



This preview shows how black text looks on a background with the CIELCh color 46, 93.222, 328.214.



This preview shows how white text looks on a background with the CIELCh color 46, 93.222, 328.214.

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

46, 93.222, 328.214

Protanopia

47, 70.424, 287.179

Deuteranopia

47, 42.295, 279.478



Tritanopia
46, 46.944, 23.471

Trichromacy



Original Color
46, 93.222, 328.214



Protanomaly
39, 86.243, 301.247



Deuteranomaly
41, 68.375, 308.010



Tritanomaly
44, 60.030, 350.908

Monochromacy



Original Color
46, 93.222, 328.214



Achromatopsia
35, 0.005, 296.813



Achromatomaly
34, 47.143, 327.180

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 93.222, 328.214 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(193, 5, 193)` looks like.

```
.text, #text, p{  
    color:rgb(193, 5, 193)  
}
```

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(193, 5, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 5, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 93.222, 328.214 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(193, 5, 193) }
```

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

```
.border{ border-color:rgb(193, 5, 193) }
```

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

Here you see how a box with a 4 pixel rgb(193, 5, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 5, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 5, 193);  
box-shadow:4px 4px 4px 4px rgb(193, 5,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 93.222, 328.214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 5, 193) }
```

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

```
.background{ background-color: rgb(193, 5,  
193) }
```

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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