

Converting Colors

CIELCh(46, 93.023, 329.288)

Have a look what the booklet for
CIELCh(46, 93.023, 329.288)
contains.

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Color

CIELCh(46, 92.557, 329.281)

Conversions

Conversions Part 1

Format	Color
Hex	C300BE
RGB	195, 0, 190
RGB Percent	76%, 0%, 75%
CMY	0.2361, 1.0000, 0.2557
CMYK	0.00, 1.00, 0.03, 0.24
HSL	302°, 100%, 38%
HSV	302°, 100%, 76%
XYZ	31.7181, 15.2687, 49.8805
YIQ	79.9650, 55.2300, 100.4300

Conversions

Conversions Part 2

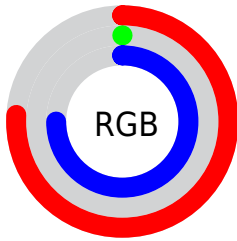
Format	Color
RYB	195, 0, 190
Decimal	12779710
CIELab	46.00, 79.57, -47.28
CIELCh	46, 92.557, 329.281
Yxy	15.2687, 0.3274, 0.1576
Android (android.graphics.Color)	4290969790 (0xFFC300BE)
YUV	79.9650, 54.2473, 100.8857
Hunter-Lab	39.0751, 76.5107, -48.3328

Details

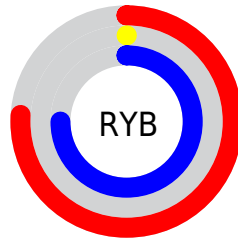
The CIELCh color **46, 92.557, 329.281** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as dark washed rose. A complement of this color would be **69, 97.343, 136.211**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **66, 92.637, 329.195**, and **32, 72.432, 328.233** is the 20% darker color. If you saturate the color by 10%, you get **46, 92.487, 329.279**, and if you desaturate by 10%, it is **47, 90.511, 329.114**.

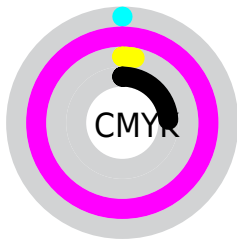
Distribution



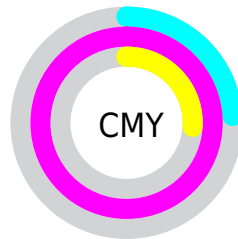
- Red (76%)
- Green (0%)
- Blue (75%)



- Red (76%)
- Yellow (0%)
- Blue (75%)



- Cyan (0%)
- Magenta (100%)
- Yellow (3%)
- Black (24%)





- Cyan (24%)
- Magenta (100%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 92.557, 329.281 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, 92.557, 329.281 by changing the saturation by 10% instead.


 46, 92.557,
329.281


 46, 92.557,
329.281


 100, 92.557,
329.281


 36, 92.557,
329.281

 66, 92.557,
329.281


 26, 92.557,
329.281

 76, 92.557,
329.281

 16, 92.557,
329.281

 86, 92.557,
329.281

 6, 92.557, 329.281

 96, 92.557,
329.281

 0, 92.557, 329.281

 46, 92.557,

 46, 92.557,

329.281

329.281

■ 46, 92.487,
329.279

■ 47, 90.511,
329.114

■ 48, 86.535,
328.889

■ 50, 80.184,
328.590

■ 53, 71.689,
328.218

■ 56, 61.476,
327.781

■ 60, 50.039,
327.293

■ 64, 37.841,
326.769

■ 69, 25.261,
326.222

■ 74, 12.584,
325.659

Harmonies

Complementary

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



46, 92.557, 329.281



69, 97.343, 136.211

Rectangle

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



46, 92.557, 329.281



46, 92.557, 19.281



46, 92.557, 149.281



46, 92.557, 199.281

Sweetspot

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



46, 92.487, 329.279



81, 46.697, 326.794



24, 109.185, 306.333



41, 32.032, 327.022



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



46, 92.487, 329.279



59, 112.371, 329.296



42, 69.036, 3.772



38, 7.101, 325.623



38, 80.200, 329.264



4, 23.652, 327.200

Inverse Universe

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



46, 92.487, 329.279



59, 112.371, 329.296



69, 71.592, 149.905



38, 7.101, 325.623



38, 80.200, 329.264



4, 23.652, 327.200

Previews

White Background



This preview shows how the CIELCh color 46, 92.557, 329.281 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 CIELCh color 46, 92.557, 329.281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

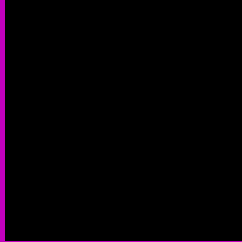
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 92.557, 329.281

Background



This preview shows how black text looks on a background with the CIELCh color 46, 92.557, 329.281.



This preview shows how white text looks on a background with the CIELCh color 46, 92.557, 329.281.

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, 92.557, 329.281

Protanopia

47, 70.968, 287.375

Deuteranopia

47, 40.380, 280.123



Tritanopia
47, 48.459, 24.504

Trichromacy



Original Color
46, 92.557, 329.281



Protanomaly
38, 86.889, 301.734



Deuteranomaly
41, 67.369, 309.660



Tritanomaly
44, 60.633, 352.816

Monochromacy



Original Color
46, 92.557, 329.281



Achromatopsia
34, 0.005, 296.813



Achromatomaly
34, 47.991, 328.127

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 92.557, 329.281 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(195, 0, 190)` looks like.

```
.text, #text, p{  
    color:rgb(195, 0, 190)  
}
```

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(195, 0, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 0, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 92.557, 329.281 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(195, 0, 190) }
```

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

```
.border{ border-color:rgb(195, 0, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 0, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 0, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 0, 190);  
box-shadow:4px 4px 4px 4px rgb(195, 0,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 92.557, 329.281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 0, 190) }
```

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

```
.background{ background-color: rgb(195, 0,  
190) }
```

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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