

Converting Colors

CIELCh(46, 93.760, 325.886)

Have a look what the booklet for
CIELCh(46, 93.760, 325.886)
contains.

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Color

CIELCh(46, 93.882, 325.923)

Conversions

Conversions Part 1

Format	Color
Hex	BC14C7
RGB	188, 20, 199
RGB Percent	74%, 8%, 78%
CMY	0.2635, 0.9232, 0.2203
CMYK	0.06, 0.90, 0.00, 0.22
HSL	296°, 82%, 43%
HSV	296°, 90%, 78%
XYZ	31.2245, 15.2687, 55.2263
YIQ	90.6380, 42.6690, 91.2850

Conversions

Conversions Part 2

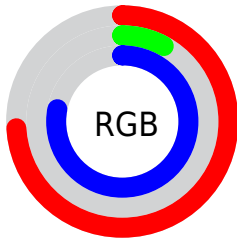
Format	Color
R_{YB}	188, 20, 199
Decimal	12326087
CIE _{Lab}	46.00, 77.76, -52.60
CIE _{LCh}	46, 93.882, 325.923
Yxy	15.2687, 0.3070, 0.1501
Android (android.graphics.Color)	4290516167 (0xFFBC14C7)
YUV	90.6380, 53.4225, 85.3865
Hunter-Lab	39.0751, 74.2557, -56.4441

Details

The CIELCh color **46, 93.882, 325.923** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed purple. A complement of this color would be **70, 96.207, 135.993**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **66, 93.121, 326.187**, and **31, 75.981, 324.533** is the 20% darker color. If you saturate the color by 10%, you get **45, 96.152, 325.818**, and if you desaturate by 10%, it is **48, 89.495, 325.918**.

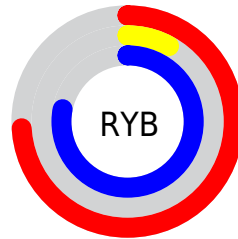
Distribution



Red (74%)

Green (8%)

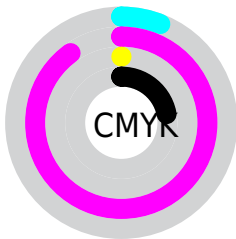
Blue (78%)



Red (74%)

Yellow (8%)

Blue (78%)

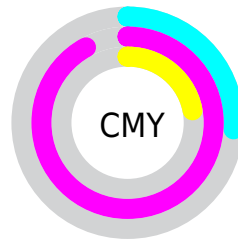


Cyan (6%)

Magenta (90%)

Yellow (0%)

Black (22%)



Cyan (26%)


Magenta (92%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 93.882, 325.923 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, 93.882, 325.923 by changing the saturation by 10% instead.


 46, 93.882,
325.923


 46, 93.882,
325.923


 100, 93.882,
325.923


 36, 93.882,
325.923

 66, 93.882,
325.923


 26, 93.882,
325.923

 76, 93.882,
325.923

 16, 93.882,
325.923

 86, 93.882,
325.923

 6, 93.882, 325.923

 96, 93.882,
325.923


 0, 93.882, 325.923


 46, 93.882,


 46, 93.882,


325.923


325.923


 45, 96.152,
325.818

 48, 89.495,
325.918


 50, 82.670,
325.782


 53, 73.693,
325.529

 56, 63.036,
325.181

 61, 51.219,
324.762

 65, 38.704,
324.294

 70, 25.862,
323.796

 75, 12.964,
323.281

Harmonies

Complementary

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



46, 93.882, 325.923



70, 96.207, 135.993

Rectangle

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



46, 93.882, 325.923



46, 93.882, 15.923



46, 93.882, 145.923



46, 93.882, 195.923

Sweetspot

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



46, 93.880, 325.923



83, 42.445, 324.159



27, 101.118, 304.148



42, 28.580, 324.328



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, 93.880, 325.923



58, 115.975, 325.783



44, 70.525, 352.889



39, 7.244, 323.241



37, 83.041, 325.852



4, 26.045, 324.536

Inverse Universe

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



42, 78.226, 34.250



53, 102.177, 38.272



71, 74.208, 148.044



39, 4.287, 14.954



34, 72.222, 37.242



3, 15.921, 16.222

Previews

White Background



This preview shows how the CIELCh color 46, 93.882, 325.923 looks on a white background.

Color Contrast Check

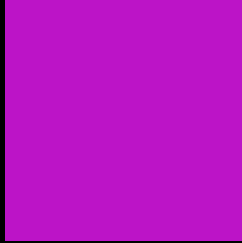
Large Text (above 18pt) WCAG AA ✓ Pass

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, 93.882, 325.923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

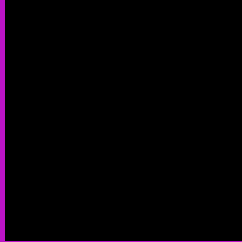
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 93.882, 325.923

Background



This preview shows how black text looks on a background with the CIELCh color 46, 93.882, 325.923.

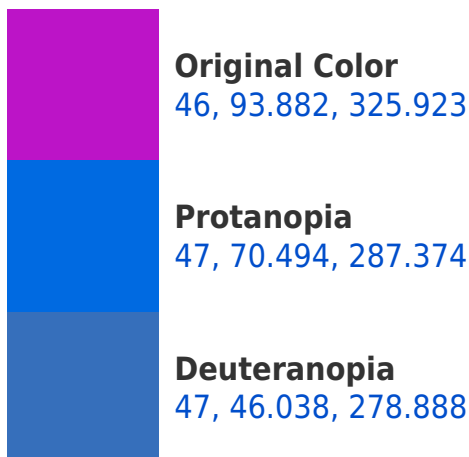


This preview shows how white text looks on a background with the CIELCh color 46, 93.882, 325.923.

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
46, 42.737, 21.566

Trichromacy



Original Color
46, 93.882, 325.923



Protanomaly
40, 83.758, 299.973



Deuteranomaly
41, 67.975, 304.378



Tritanomaly
44, 57.013, 348.124

Monochromacy



Original Color
46, 93.882, 325.923



Achromatopsia
38, 0.005, 296.813



Achromatomaly
37, 45.219, 325.163

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 93.882, 325.923 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(188, 20, 199)` looks like.

```
.text, #text, p{  
    color:rgb(188, 20, 199)  
}
```

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(188, 20, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 20, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 93.882, 325.923 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(188, 20, 199) }
```

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

```
.border{ border-color:rgb(188, 20, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 20, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 20, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 20, 199);  
box-shadow:4px 4px 4px 4px rgb(188, 20,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 93.882, 325.923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 20, 199) }
```

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

```
.background{ background-color: rgb(188, 20,  
199) }
```

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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