

Converting Colors

CIELCh(46, 94.863, 327.626)

Have a look what the booklet for
CIELCh(46, 94.863, 327.626)
contains.

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Color

CIELCh(46, 94.863, 327.626)

Conversions

Conversions Part 1

Format	Color
Hex	C100C4
RGB	193, 0, 196
RGB Percent	76%, 0%, 77%
CMY	0.2440, 1.0000, 0.2322
CMYK	0.02, 1.00, 0.00, 0.23
HSL	299°, 100%, 38%
HSV	299°, 100%, 77%
XYZ	31.8689, 15.2687, 53.3685
YIQ	80.0510, 52.1120, 101.8720

Conversions

Conversions Part 2

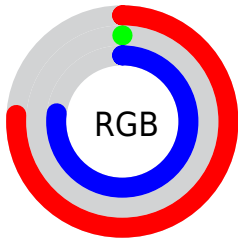
Format	Color
RYB	193, 0, 196
Decimal	12648644
CIELab	46.00, 80.12, -50.79
CIElCh	46, 94.863, 327.626
Yxy	15.2687, 0.3171, 0.1519
Android (android.graphics.Color)	4290838724 (0xFFC100C4)
YUV	80.0510, 57.1629, 99.0563
Hunter-Lab	39.0751, 77.1997, -53.6253

Details

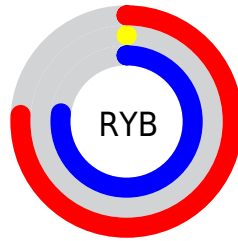
The CIELCh color **46, 94.863, 327.626** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **69, 98.099, 135.957**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **66, 94.798, 327.621**, and **32, 74.545, 326.327** is the 20% darker color. If you saturate the color by 10%, you get **46, 94.789, 327.623**, and if you desaturate by 10%, it is **47, 92.606, 327.593**.

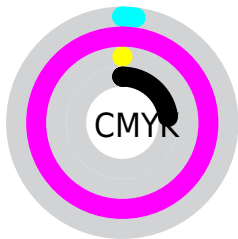
Distribution



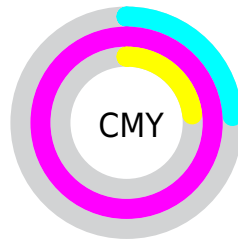
- Red (76%)
- Green (0%)
- Blue (77%)



- Red (76%)
- Yellow (0%)
- Blue (77%)



- Cyan (2%)
- Magenta (100%)
- Yellow (0%)
- Black (23%)



- Cyan (24%)
- Magenta (100%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 94.863, 327.626 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, 94.863, 327.626 by changing the saturation by 10% instead.

 46, 94.863,
327.626


 46, 94.863,
327.626


 100, 94.863,
327.626


 36, 94.863,
327.626

 66, 94.863,
327.626


 26, 94.863,
327.626

 76, 94.863,
327.626

 16, 94.863,
327.626

 86, 94.863,
327.626

 6, 94.863, 327.626

 96, 94.863,
327.626

 0, 94.863, 327.626

 46, 94.863,

 46, 94.863,

327.626

327.626

■ 46, 94.789,
327.623

■ 47, 92.606,
327.593

■ 48, 88.403,
327.479

■ 50, 81.811,
327.264

■ 53, 73.067,
326.955

■ 56, 62.608,
326.566

■ 60, 50.930,
326.114

■ 65, 38.498,
325.617

■ 69, 25.692,
325.091

■ 74, 12.796,
324.548

Harmonies

Complementary

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



46, 94.863, 327.626



69, 98.099, 135.957

Rectangle

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



46, 94.863, 327.626



46, 94.863, 17.626



46, 94.863, 147.626



46, 94.863, 197.626

Sweetspot

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



46, 94.789, 327.623



82, 47.699, 325.641



24, 108.940, 306.100



41, 32.459, 325.857



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, 94.789, 327.623



60, 115.644, 327.613



42, 69.652, 0.606



38, 7.191, 324.512



38, 81.858, 327.632



4, 24.024, 325.706

Inverse Universe

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



41, 85.028, 39.412



53, 103.966, 39.576



70, 74.395, 148.223



38, 4.186, 18.675



33, 73.118, 39.105



3, 14.004, 18.564

Previews

White Background



This preview shows how the CIELCh color 46, 94.863, 327.626 looks on a white background.

Color Contrast Check

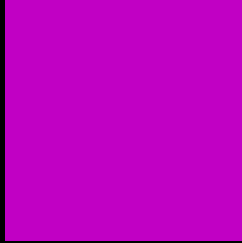
Large Text (above 18pt) WCAG AA ✓ Pass

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, 94.863, 327.626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

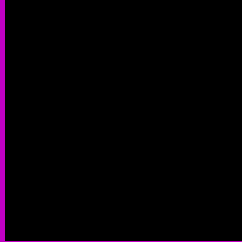
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 94.863, 327.626

Background



This preview shows how black text looks on a background with the CIELCh color 46, 94.863, 327.626.



This preview shows how white text looks on a background with the CIELCh color 46, 94.863, 327.626.

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, 94.863, 327.626

Protanopia

47, 70.968, 287.375

Deuteranopia

47, 43.506, 279.074



Tritanopia
46, 46.017, 23.196

Trichromacy



Original Color
46, 94.863, 327.626



Protanomaly
39, 88.522, 301.730



Deuteranomaly
40, 70.619, 307.554



Tritanomaly
44, 60.601, 350.282

Monochromacy



Original Color
46, 94.863, 327.626



Achromatopsia
34, 0.005, 296.813



Achromatomaly
34, 48.789, 326.845

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 94.863, 327.626 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, 0, 196)` looks like.

```
.text, #text, p{  
    color:rgb(193, 0, 196)  
}
```

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, 0, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 0, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 94.863, 327.626 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, 0, 196) }
```

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

```
.border{ border-color:rgb(193, 0, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 0, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 0, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 0, 196);  
box-shadow:4px 4px 4px 4px rgb(193, 0,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 94.863, 327.626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 0, 196) }
```

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

```
.background{ background-color: rgb(193, 0,  
196) }
```

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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