

Converting Colors

CIELCh(44, 71.500, 3.276)

Have a look what the booklet for
CIELCh(44, 71.500, 3.276) contains.

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Color

CIELCh(44, 71.412, 3.301)

Conversions

Conversions Part 1

Format	Color
Hex	CC0264
RGB	204, 2, 100
RGB Percent	80%, 1%, 39%
CMY	0.1990, 0.9927, 0.6070
CMYK	0.00, 0.99, 0.51, 0.20
HSL	331°, 98%, 40%
HSV	331°, 99%, 80%
XYZ	27.3043, 13.8382, 13.3412
YIQ	73.5700, 88.9340, 73.3020

Conversions

Conversions Part 2

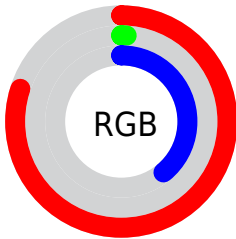
Format	Color
RYB	204, 2, 100
Decimal	13369956
CIELab	44.00, 71.29, 4.11
CIELCh	44, 71.412, 3.301
Yxy	13.8382, 0.5011, 0.2540
Android (android.graphics.Color)	4291560036 (0xFFCC0264)
YUV	73.5700, 13.0300, 114.3871
Hunter-Lab	37.1997, 65.9181, 4.7763

Details

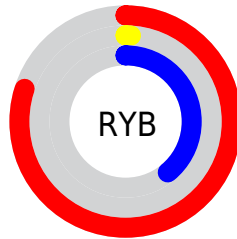
The CIELCh color **44, 71.412, 3.301** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **72, 74.101, 149.888**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 68.012, 0.771**, and **30, 55.233, 12.621** is the 20% darker color. If you saturate the color by 10%, you get **44, 71.536, 3.677**, and if you desaturate by 10%, it is **45, 69.887, 359.293**.

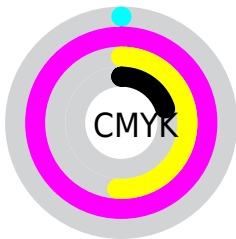
Distribution



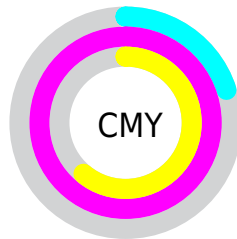
- Red (80%)
- Green (1%)
- Blue (39%)



- Red (80%)
- Yellow (1%)
- Blue (39%)



- Cyan (0%)
- Magenta (99%)
- Yellow (51%)
- Black (20%)



- Cyan (20%)
- Magenta (99%)
- Yellow (61%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 71.412, 3.301 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 44, 71.412, 3.301 by changing the saturation by 10% instead.

 44, 71.412, 3.301  44, 71.412, 3.301


 100, 71.412, 3.301  34, 71.412, 3.301

 64, 71.412, 3.301  24, 71.412, 3.301


 74, 71.412, 3.301  14, 71.412, 3.301

 84, 71.412, 3.301  4, 71.412, 3.301

 94, 71.412, 3.301  0, 71.412, 3.301

 44, 71.412, 3.301  44, 71.412, 3.301

 44, 71.536, 3.677  45, 69.887,
359.293

 47, 66.637,
356.036

■ 50, 61.373,
353.465

■ 53, 54.366,
351.413

■ 57, 46.078,
349.741

■ 62, 36.990,
348.343

■ 67, 27.507,
347.143

■ 72, 17.924,
346.089

■ 77, 8.442, 345.133

Harmonies

Complementary

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



44, 71.412, 3.301



72, 74.101, 149.888

Rectangle

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



44, 71.412, 3.301



44, 71.412, 53.301



44, 71.412, 183.301



44, 71.412, 233.301

Sweetspot

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



44, 71.408, 3.302



81, 33.977, 347.289



32, 105.255, 311.868



40, 23.201, 347.790



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



44, 71.408, 3.302



55, 84.503, 4.322



43, 87.950, 39.753



40, 5.262, 345.162



35, 61.300, 2.948



4, 19.782, 354.405

Inverse Universe

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



44, 71.408, 3.302



55, 84.503, 4.322



75, 42.348, 196.390



40, 5.262, 345.162



35, 61.300, 2.948



4, 19.782, 354.405

Previews

White Background



This preview shows how the CIE LCh color 44, 71.412, 3.301 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 44, 71.412, 3.301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

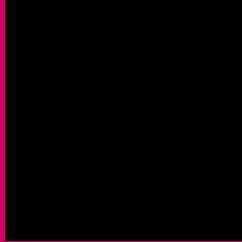
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 71.412, 3.301

Background



This preview shows how black text looks on a background with the CIELCh color 44, 71.412, 3.301.



This preview shows how white text looks on a background with the CIELCh color 44, 71.412, 3.301.

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

44, 71.323, 3.341

Protanopia

45, 24.032, 284.511

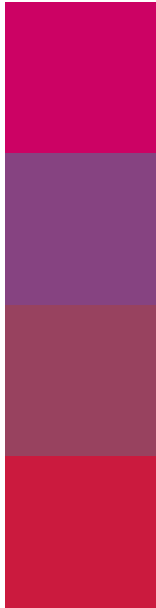
Deuteranopia

45, 10.673, 53.884



Tritanopia
45, 74.081, 33.947

Trichromacy



Original Color
44, 71.323, 3.341

Protanomaly
39, 43.984, 329.237

Deuteranomaly
40, 39.087, 1.070

Tritanomaly
44, 71.391, 22.938

Monochromacy



Original Color
44, 71.323, 3.341

Achromatopsia
31, 0.005, 296.813

Achromatomaly
31, 36.442, 350.703

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 71.412, 3.301 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(204, 2, 100)` looks like.

```
.text, #text, p{  
    color:rgb(204, 2, 100)  
}
```

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(204, 2, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 2, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 71.412, 3.301 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(204, 2, 100) }
```

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

```
.border{ border-color:rgb(204, 2, 100) }
```

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

Here you see how a box with a 4 pixel rgb(204, 2, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 2, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 2, 100);  
box-shadow:4px 4px 4px 4px rgb(204, 2,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 71.412, 3.301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 2, 100) }
```

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

```
.background{ background-color: rgb(204, 2,  
100) }
```

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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