

Converting Colors

CIELCh(44, 71.466, 3.693)

Have a look what the booklet for
CIELCh(44, 71.466, 3.693) contains.

CIELCh(44, 71.374, 3.775)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(44, 71.374, 3.775)

Conversions

Conversions Part 1

Format	Color
Hex	CC0263
RGB	204, 2, 99
RGB Percent	80%, 1%, 39%
CMY	0.1986, 0.9917, 0.6107
CMYK	0.00, 0.99, 0.51, 0.20
HSL	331°, 98%, 40%
HSV	331°, 99%, 80%
XYZ	27.2859, 13.8382, 13.1060
YIQ	73.4560, 89.2550, 72.9910

Conversions

Conversions Part 2

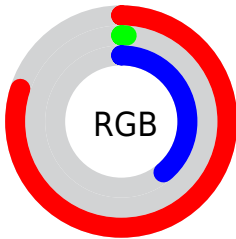
Format	Color
RYB	204, 2, 99
Decimal	13369955
CIELab	44.00, 71.22, 4.70
CIElCh	44, 71.374, 3.775
Yxy	13.8382, 0.5032, 0.2552
Android (android.graphics.Color)	4291560035 (0xFFCC0263)
YUV	73.4560, 12.5932, 114.4871
Hunter-Lab	37.1997, 65.8295, 5.1511

Details

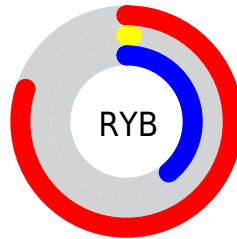
The CIELCh color **44, 71.374, 3.775** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **73, 73.639, 150.203**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 67.840, 1.684**, and **30, 55.316, 13.283** is the 20% darker color. If you saturate the color by 10%, you get **44, 71.522, 4.211**, and if you desaturate by 10%, it is **45, 69.790, 359.718**.

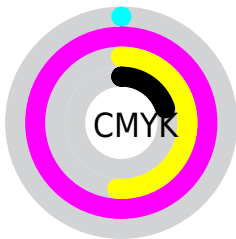
Distribution



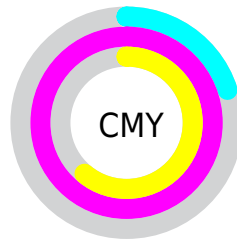
- Red (80%)
- Green (1%)
- Blue (39%)



- 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, 71.374, 3.775 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, 71.374, 3.775 by changing the saturation by 10% instead.

 44, 71.374, 3.775  44, 71.374, 3.775


 100, 71.374, 3.775  34, 71.374, 3.775



 64, 71.374, 3.775  24, 71.374, 3.775


 74, 71.374, 3.775  14, 71.374, 3.775

 84, 71.374, 3.775  4, 71.374, 3.775

 94, 71.374, 3.775  0, 71.374, 3.775

 44, 71.374, 3.775  44, 71.374, 3.775

 44, 71.522, 4.211  45, 69.790,
359.718

 47, 66.484,
356.425

■ 50, 61.179,
353.825

■ 53, 54.148,
351.753

■ 57, 45.852,
350.066

■ 62, 36.770,
348.656

■ 67, 27.302,
347.449

■ 72, 17.744,
346.389

■ 77, 8.291, 345.428

Harmonies

Complementary

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



44, 71.374, 3.775



73, 73.639, 150.203

Rectangle

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



44, 71.374, 3.775



44, 71.374, 53.775



44, 71.374, 183.775



44, 71.374, 233.775

Sweetspot

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



44, 71.370, 3.776



81, 33.868, 347.611



33, 104.861, 312.263



40, 23.128, 348.115



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, 71.370, 3.776



55, 84.469, 4.862



43, 87.686, 39.874



40, 5.243, 345.468



35, 61.261, 3.471



4, 19.730, 354.745

Inverse Universe

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



44, 71.370, 3.776



55, 84.469, 4.862



74, 41.369, 199.010



40, 5.243, 345.468



35, 61.261, 3.471



4, 19.730, 354.745

Previews

White Background



This preview shows how the CIELCh color 44, 71.374, 3.775 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, 71.374, 3.775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

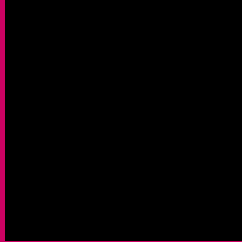
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 71.374, 3.775

Background



This preview shows how black text looks on a background with the CIELCh color 44, 71.374, 3.775.



This preview shows how white text looks on a background with the CIELCh color 44, 71.374, 3.775.

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, 71.285, 3.816

Protanopia

45, 23.409, 284.968

Deuteranopia

45, 11.046, 56.284



Tritanopia
45, 74.355, 34.301

Trichromacy



Original Color
44, 71.285, 3.816



Protanomaly
39, 43.082, 330.209



Deuteranomaly
40, 38.980, 1.928



Tritanomaly
44, 71.582, 23.390

Monochromacy



Original Color
44, 71.285, 3.816



Achromatopsia
31, 0.005, 296.813



Achromatomaly
31, 36.211, 351.598

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 71.374, 3.775 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, 99)` looks like.

```
.text, #text, p{  
    color:rgb(204, 2, 99)  
}
```

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, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 2, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 71.374, 3.775 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, 99) }
```

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

```
.border{ border-color:rgb(204, 2, 99) }
```

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, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 2, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 2, 99);  
box-shadow:4px 4px 4px 4px rgb(204, 2, 99)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 44, 71.374, 3.775 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, 99) }
```

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

```
.background{ background-color: rgb(204, 2,  
99) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor