

Converting Colors

CIELCh(44, 71.762, 0.025)

Have a look what the booklet for
CIELCh(44, 71.762, 0.025) contains.

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Color

CIELCh(44, 71.925, 359.988)

Conversions

Conversions Part 1

Format	Color
Hex	CC006B
RGB	204, 0, 107
RGB Percent	80%, 0%, 42%
CMY	0.2011, 1.0000, 0.5812
CMYK	0.00, 1.00, 0.48, 0.20
HSL	329°, 100%, 40%
HSV	329°, 100%, 80%
XYZ	27.4614, 13.8382, 15.0740
YIQ	73.1940, 87.2370, 76.5250

Conversions

Conversions Part 2

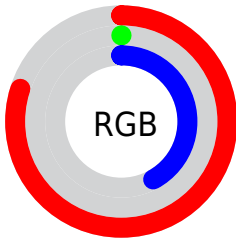
Format	Color
R_{YB}	204, 0, 107
Decimal	13369451
CIE Lab	44.00, 71.92, -0.02
CIE LCh	44, 71.925, 359.988
Yxy	13.8382, 0.4871, 0.2455
Android (android.graphics.Color)	4291559531 (0xFFCC006B)
YUV	73.1940, 16.6664, 114.7169
Hunter-Lab	37.1997, 66.6719, 2.0144

Details

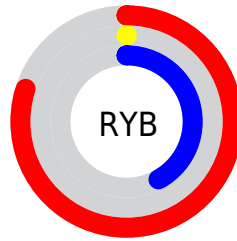
The CIELCh color **44, 71.925, 359.988** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **72, 77.320, 147.800**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 68.767, 357.633**, and **30, 54.918, 8.627** is the 20% darker color. If you saturate the color by 10%, you get **44, 71.849, 0.018**, and if you desaturate by 10%, it is **45, 70.690, 356.367**.

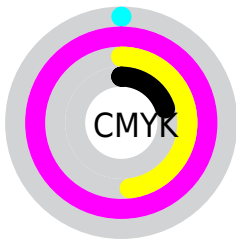
Distribution



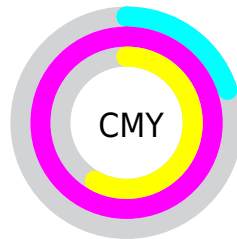
- Red (80%)
- Green (0%)
- Blue (42%)



- Red (80%)
- Yellow (0%)
- Blue (42%)



- Cyan (0%)
- Magenta (100%)
- Yellow (48%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 71.925, 359.988 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, 71.925, 359.988 by changing the saturation by 10% instead.

 44, 71.925,
359.988

 44, 71.925,
359.988

 100, 71.925,
359.988

 34, 71.925,
359.988

 64, 71.925,
359.988


 24, 71.925,
359.988

 74, 71.925,
359.988

 14, 71.925,
359.988


 84, 71.925,
359.988

 4, 71.925, 359.988

 94, 71.925,
359.988

 0, 71.925, 359.988

 44, 71.925,

 44, 71.925,

359.988

359.988

■ 44, 71.849, 0.018

■ 45, 70.690,
356.367

■ 47, 67.806,
353.374

■ 49, 62.806,
351.002

■ 53, 55.953,
349.099

■ 57, 47.713,
347.536

■ 61, 38.579,
346.217

■ 66, 28.974,
345.077

■ 71, 19.214,
344.067

Harmonies

Complementary

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



44, 71.925, 359.988



72, 77.320, 147.800

Rectangle

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



44, 71.925, 359.988



44, 71.925, 49.988



44, 71.925, 179.988



44, 71.925, 229.988

Sweetspot

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



44, 71.849, 0.018



81, 34.767, 345.119



31, 106.201, 311.092



41, 23.725, 345.590



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, 71.849, 0.018



55, 84.975, 0.608



42, 86.884, 38.808



40, 5.399, 343.093



36, 61.736, 359.368



4, 20.172, 352.012

Inverse Universe

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



44, 71.849, 0.018



55, 84.975, 0.608



74, 43.459, 191.366



40, 5.399, 343.093



36, 61.736, 359.368



4, 20.172, 352.012

Previews

White Background



This preview shows how the CIELCh color 44, 71.925, 359.988 looks on a white background.

Color Contrast Check

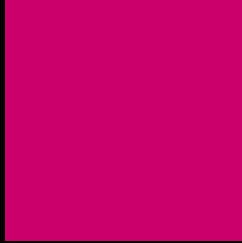
Large Text (above 18pt) WCAG AA ✓ Pass

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, 71.925, 359.988 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, 71.925, 359.988

Background



This preview shows how black text looks on a background with the CIELCh color 44, 71.925, 359.988.



This preview shows how white text looks on a background with the CIELCh color 44, 71.925, 359.988.

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, 71.925, 359.988

Protanopia

45, 29.418, 284.697

Deuteranopia

45, 7.909, 42.143



Tritanopia
45, 72.524, 33.172

Trichromacy



Original Color
44, 71.925, 359.988

Protanomaly
39, 47.250, 324.421

Deuteranomaly
40, 39.282, 355.263

Tritanomaly
44, 70.180, 21.067

Monochromacy



Original Color
44, 71.925, 359.988

Achromatopsia
31, 0.005, 296.813

Achromatomaly
31, 37.767, 349.254

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 71.925, 359.988 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, 0, 107)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 107)  
}
```

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, 0, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 71.925, 359.988 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, 0, 107) }
```

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

```
.border{ border-color:rgb(204, 0, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 0, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 107);  
box-shadow:4px 4px 4px 4px rgb(204, 0,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 71.925, 359.988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 0, 107) }
```

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

```
.background{ background-color: rgb(204, 0,  
107) }
```

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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