

Converting Colors

CIELCh(43, 76.467, 0.802)

Have a look what the booklet for
CIELCh(43, 76.467, 0.802) contains.

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Color

CIELCh(44, 72.116, 2.348)

Conversions

Conversions Part 1

Format	Color
Hex	CD0066
RGB	205, 0, 102
RGB Percent	80%, 0%, 40%
CMY	0.1967, 1.0000, 0.5997
CMYK	0.00, 1.00, 0.50, 0.20
HSL	330°, 100%, 40%
HSV	330°, 100%, 80%
XYZ	27.4939, 13.8382, 13.8130
YIQ	72.9230, 89.4380, 75.1820

Conversions

Conversions Part 2

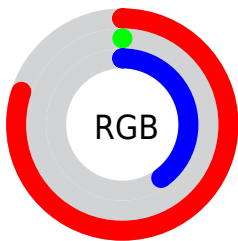
Format	Color
R_{YB}	205, 0, 102
Decimal	13434982
CIE _{Lab}	44.00, 72.06, 2.95
CIE _{LCh}	44, 72.116, 2.348
Yxy	13.8382, 0.4986, 0.2509
Android (android.graphics.Color)	4291625062 (0xFFCD0066)
YUV	72.9230, 14.3350, 115.8315
Hunter-Lab	37.1997, 66.8280, 4.0243

Details

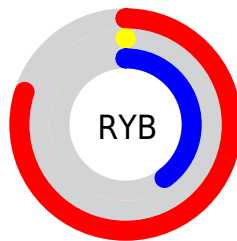
The CIELCh color **44, 72.116, 2.348** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **73, 75.638, 149.053**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 68.203, 359.865**, and **30, 55.402, 11.587** is the 20% darker color. If you saturate the color by 10%, you get **44, 71.794, 2.488**, and if you desaturate by 10%, it is **45, 70.446, 358.563**.

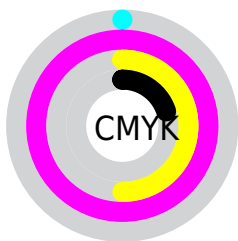
Distribution



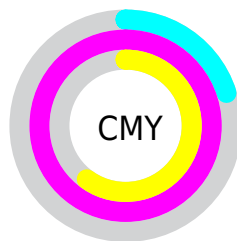
- Red (80%)
- Green (0%)
- Blue (40%)



- Red (80%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (50%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 72.116, 2.348 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, 72.116, 2.348 by changing the saturation by 10% instead.

 44, 72.116, 2.348  44, 72.116, 2.348

 100, 72.116, 2.348  34, 72.116, 2.348

 64, 72.116, 2.348  24, 72.116, 2.348


 74, 72.116, 2.348  14, 72.116, 2.348

 84, 72.116, 2.348  4, 72.116, 2.348

 94, 72.116, 2.348  0, 72.116, 2.348

 44, 72.116, 2.348  44, 72.116, 2.348

 44, 71.794, 2.488  45, 70.446,
358.563

 47, 67.442,
355.341

50, 62.376,
352.796

53, 55.500,
350.764

57, 47.273,
349.107

61, 38.183,
347.720

66, 28.649,
346.529

72, 18.982,
345.481

77, 9.392, 344.533

Harmonies

Complementary

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



44, 72.116, 2.348



73, 75.638, 149.053

Rectangle

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



44, 72.116, 2.348



44, 72.116, 52.348



44, 72.116, 182.348



44, 72.116, 232.348

Sweetspot

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



44, 71.794, 2.488



81, 34.228, 346.571



32, 105.872, 311.818



40, 23.367, 347.062



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, 71.794, 2.488



55, 84.611, 3.104



43, 88.659, 40.000



40, 5.306, 344.477



35, 61.411, 1.773



4, 19.903, 353.633

Inverse Universe

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



44, 71.794, 2.488



55, 84.611, 3.104



75, 42.488, 196.386



40, 5.306, 344.477



35, 61.411, 1.773



4, 19.903, 353.633

Previews

White Background



This preview shows how the CIELCh color 44, 72.116, 2.348 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, 72.116, 2.348 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, 72.116, 2.348

Background



This preview shows how black text looks on a background with the CIELCh color 44, 72.116, 2.348.



This preview shows how white text looks on a background with the CIELCh color 44, 72.116, 2.348.

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, 71.830, 2.567

Protanopia

45, 25.781, 285.458

Deuteranopia

45, 9.542, 54.036



Tritanopia
45, 73.634, 33.769

Trichromacy



Original Color

44, 71.830, 2.567



Protanomaly

39, 44.871, 328.294



Deuteranomaly

40, 38.984, 358.998



Tritanomaly

44, 71.204, 22.483

Monochromacy



Original Color

44, 71.830, 2.567



Achromatopsia

31, 0.005, 296.813



Achromatomaly

31, 37.521, 350.107

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 72.116, 2.348 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(205, 0, 102)` looks like.

```
.text, #text, p{  
    color:rgb(205, 0, 102)  
}
```

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(205, 0, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 0, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 72.116, 2.348 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(205, 0, 102) }
```

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

```
.border{ border-color:rgb(205, 0, 102) }
```

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

Here you see how a box with a 4 pixel rgb(205, 0, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 0, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 0, 102);  
box-shadow:4px 4px 4px 4px rgb(205, 0,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 72.116, 2.348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 0, 102) }
```

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

```
.background{ background-color: rgb(205, 0,  
102) }
```

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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