

Converting Colors

CIELCh(43, 70.931, 2.247)

Have a look what the booklet for
CIELCh(43, 70.931, 2.247) contains.

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Color

CIELCh(43, 70.548, 2.256)

Conversions

Conversions Part 1

Format	Color
Hex	C80064
RGB	200, 0, 100
RGB Percent	78%, 0%, 39%
CMY	0.2164, 1.0000, 0.6084
CMYK	0.00, 1.00, 0.50, 0.22
HSL	330°, 100%, 39%
HSV	330°, 100%, 78%
XYZ	26.0550, 13.1578, 13.1850
YIQ	71.2000, 87.1000, 73.5000

Conversions

Conversions Part 2

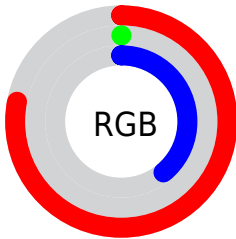
Format	Color
R_{YB}	200, 0, 100
Decimal	13107300
CIE _{Lab}	43.00, 70.49, 2.78
CIE _{LCh}	43, 70.548, 2.256
Yxy	13.1578, 0.4973, 0.2511
Android (android.graphics.Color)	4291297380 (0xFFC80064)
YUV	71.2000, 14.1984, 112.9576
Hunter-Lab	36.2736, 64.7360, 3.8405

Details

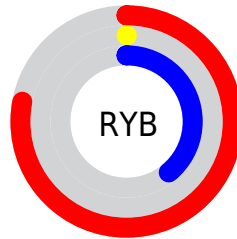
The CIELCh color **43, 70.548, 2.256** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **71, 74.289, 149.024**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 68.392, 0.597**, and **29, 53.981, 11.440** is the 20% darker color. If you saturate the color by 10%, you get **43, 70.495, 2.279**, and if you desaturate by 10%, it is **44, 69.146, 358.393**.

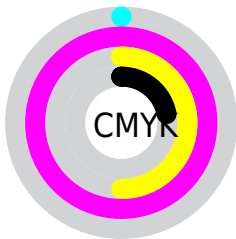
Distribution



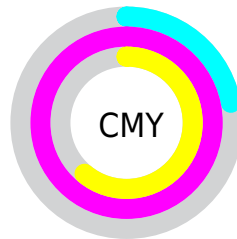
- Red (78%)
- Green (0%)
- Blue (39%)



- Red (78%)
- Yellow (0%)
- Blue (39%)



- Cyan (0%)
- Magenta (100%)
- Yellow (50%)
- Black (22%)



- Cyan (22%)
- Magenta (100%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 70.548, 2.256 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 43, 70.548, 2.256 by changing the saturation by 10% instead.

 43, 70.548, 2.256  43, 70.548, 2.256

 100, 70.548, 2.256  33, 70.548, 2.256



 63, 70.548, 2.256  23, 70.548, 2.256

 73, 70.548, 2.256  13, 70.548, 2.256

 83, 70.548, 2.256  3, 70.548, 2.256

 93, 70.548, 2.256  0, 70.548, 2.256

 43, 70.548, 2.256  43, 70.548, 2.256

 43, 70.495, 2.279  44, 69.146,
358.393

 46, 66.181,
355.199

■ 48, 61.196,
352.674

■ 52, 54.441,
350.657

■ 56, 46.366,
349.010

■ 60, 37.450,
347.630

■ 65, 28.099,
346.445

■ 70, 18.618,
345.401

■ 75, 9.212, 344.456

Harmonies

Complementary

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



43, 70.548, 2.256



71, 74.289, 149.024

Rectangle

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



43, 70.548, 2.256



43, 70.548, 52.256



43, 70.548, 182.256



43, 70.548, 232.256

Sweetspot

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



43, 70.495, 2.279



81, 34.256, 346.493



31, 103.905, 311.837



40, 23.386, 346.983



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



43, 70.495, 2.279



55, 84.625, 2.970



42, 87.027, 40.000



39, 5.201, 344.399



35, 60.733, 1.587



4, 17.855, 353.000

Inverse Universe

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



43, 70.495, 2.279



55, 84.625, 2.970



73, 41.706, 196.386



39, 5.201, 344.399



35, 60.733, 1.587



4, 17.855, 353.000

Previews

White Background



This preview shows how the CIELCh color 43, 70.548, 2.256 looks on a white background.

Color Contrast Check

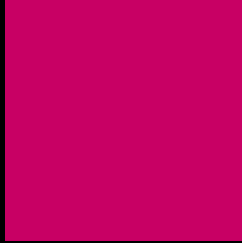
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 43, 70.548, 2.256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

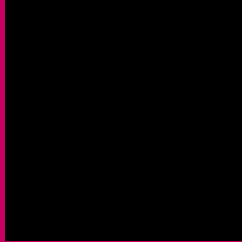
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 70.548, 2.256

Background



This preview shows how black text looks on a background with the CIELCh color 43, 70.548, 2.256.



This preview shows how white text looks on a background with the CIELCh color 43, 70.548, 2.256.

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

43, 70.548, 2.256

Protanopia

44, 24.734, 284.180

Deuteranopia

44, 9.251, 51.105



Tritanopia
44, 72.145, 33.719

Trichromacy



Original Color
43, 70.548, 2.256



Protanomaly
38, 43.713, 328.313



Deuteranomaly
39, 38.699, 358.761



Tritanomaly
43, 69.758, 22.111

Monochromacy



Original Color
43, 70.548, 2.256



Achromatopsia
30, 0.005, 296.813



Achromatomaly
30, 36.479, 350.937

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 70.548, 2.256 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(200, 0, 100)` looks like.

```
.text, #text, p{  
    color:rgb(200, 0, 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(200, 0, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 0, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 70.548, 2.256 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(200, 0, 100) }
```

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

```
.border{ border-color:rgb(200, 0, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 0, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 0, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 0, 100);  
box-shadow:4px 4px 4px 4px rgb(200, 0,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 70.548, 2.256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 0, 100) }
```

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

```
.background{ background-color: rgb(200, 0,  
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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