

Converting Colors

CIELCh(43, 70.769, 5.643)

Have a look what the booklet for
CIELCh(43, 70.769, 5.643) contains.

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Color

CIELCh(43, 70.576, 5.878)

Conversions

Conversions Part 1

Format	Color
Hex	C9005D
RGB	201, 0, 93
RGB Percent	79%, 0%, 36%
CMY	0.2127, 1.0000, 0.6360
CMYK	0.00, 1.00, 0.54, 0.21
HSL	332°, 100%, 39%
HSV	332°, 100%, 79%
XYZ	25.9857, 13.1578, 11.4846
YIQ	70.7010, 89.9430, 71.5350

Conversions

Conversions Part 2

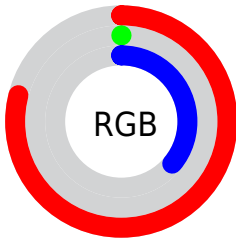
Format	Color
R_{YB}	201, 0, 93
Decimal	13172829
CIE _{Lab}	43.00, 70.20, 7.23
CIE _{LCh}	43, 70.576, 5.878
Yxy	13.1578, 0.5133, 0.2599
Android (android.graphics.Color)	4291362909 (0xFFC9005D)
YUV	70.7010, 10.9934, 114.2722
Hunter-Lab	36.2736, 64.3948, 6.6197

Details

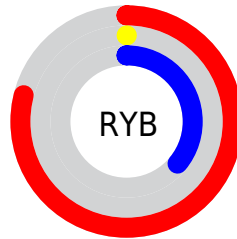
The CIELCh color **43, 70.576, 5.878** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **71, 71.668, 150.976**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 67.814, 4.261**, and **29, 54.857, 15.776** is the 20% darker color. If you saturate the color by 10%, you get **43, 70.515, 5.909**, and if you desaturate by 10%, it is **44, 68.837, 1.646**.

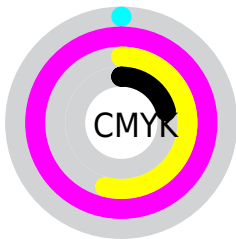
Distribution



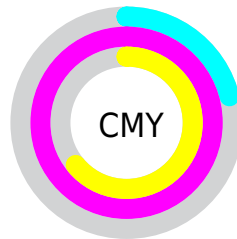
- Red (79%)
- Green (0%)
- Blue (36%)



- Red (79%)
- Yellow (0%)
- Blue (36%)



- Cyan (0%)
- Magenta (100%)
- Yellow (54%)
- Black (21%)



- Cyan (21%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 70.576, 5.878 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, 70.576, 5.878 by changing the saturation by 10% instead.

 43, 70.576, 5.878  43, 70.576, 5.878


 100, 70.576, 5.878  33, 70.576, 5.878

 63, 70.576, 5.878  23, 70.576, 5.878


 73, 70.576, 5.878  13, 70.576, 5.878

 83, 70.576, 5.878  3, 70.576, 5.878

 93, 70.576, 5.878  0, 70.576, 5.878

 43, 70.576, 5.878  43, 70.576, 5.878

 43, 70.515, 5.909  44, 68.837, 1.646

 46, 65.657,
358.130

■ 48, 60.551,
355.355

■ 52, 53.750,
353.153

■ 56, 45.690,
351.370

■ 60, 36.840,
349.891

■ 65, 27.599,
348.632

■ 70, 18.261,
347.535

■ 75, 9.024, 346.549

Harmonies

Complementary

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



43, 70.576, 5.878



71, 71.668, 150.976

Rectangle

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



43, 70.576, 5.878



43, 70.576, 55.878



43, 70.576, 185.878



43, 70.576, 235.878

Sweetspot

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



43, 70.515, 5.909



81, 33.517, 348.682



33, 103.531, 312.618



40, 22.896, 349.200



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, 70.515, 5.909



55, 84.423, 6.647



42, 86.891, 40.316



39, 5.074, 346.489



35, 60.481, 5.134



4, 17.514, 355.256

Inverse Universe

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



43, 70.515, 5.909



55, 84.423, 6.647



71, 39.971, 201.810



39, 5.074, 346.489



35, 60.481, 5.134



4, 17.514, 355.256

Previews

White Background



This preview shows how the CIELCh color 43, 70.576, 5.878 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 43, 70.576, 5.878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

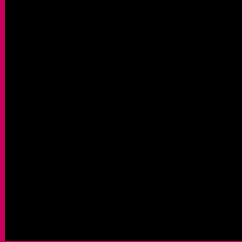
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 70.576, 5.878

Background



This preview shows how black text looks on a background with the CIELCh color 43, 70.576, 5.878.



This preview shows how white text looks on a background with the CIELCh color 43, 70.576, 5.878.

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, 70.576, 5.878

Protanopia

44, 19.259, 285.428

Deuteranopia

44, 13.544, 64.541



Tritanopia
43, 74.143, 34.661

Trichromacy



Original Color
43, 70.576, 5.878



Protanomaly
38, 40.805, 334.023



Deuteranomaly
39, 38.680, 6.459

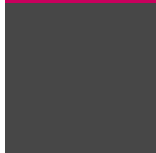


Tritanomaly
43, 71.220, 24.431

Monochromacy



Original Color
43, 70.576, 5.878



Achromatopsia
30, 0.005, 296.813



Achromatomaly
30, 36.035, 352.757

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 70.576, 5.878 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(201, 0, 93)` looks like.

```
.text, #text, p{  
    color:rgb(201, 0, 93)  
}
```

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(201, 0, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 0, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 70.576, 5.878 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(201, 0, 93) }
```

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

```
.border{ border-color:rgb(201, 0, 93) }
```

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

Here you see how a box with a 4 pixel rgb(201, 0, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 0, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 0, 93);  
box-shadow:4px 4px 4px 4px rgb(201, 0, 93)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 70.576, 5.878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 0, 93) }
```

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

```
.background{ background-color: rgb(201, 0,  
93) }
```

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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