

Converting Colors

CIELCh(44, 71.436, 9.125)

Have a look what the booklet for
CIELCh(44, 71.436, 9.125) contains.

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Color

CIELCh(44, 71.339, 8.920)

Conversions

Conversions Part 1

Format	Color
Hex	CD0559
RGB	205, 5, 89
RGB Percent	80%, 2%, 35%
CMY	0.1952, 0.9814, 0.6503
CMYK	0.00, 0.98, 0.57, 0.20
HSL	335°, 95%, 41%
HSV	335°, 98%, 80%
XYZ	27.1019, 13.8382, 10.7325
YIQ	74.3760, 92.2360, 68.5240

Conversions

Conversions Part 2

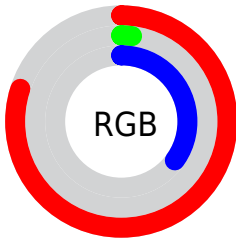
Format	Color
RYB	205, 5, 89
Decimal	13436249
CIELab	44.00, 70.48, 11.06
CIElCh	44, 71.339, 8.920
Yxy	13.8382, 0.5245, 0.2678
Android (android.graphics.Color)	4291626329 (0xFFCD0559)
YUV	74.3760, 7.2096, 114.5572
Hunter-Lab	37.1997, 64.9468, 8.9341

Details

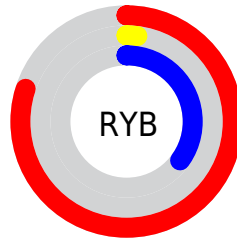
The CIELCh color **44, 71.339, 8.920** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **73, 68.725, 153.807**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 66.925, 6.536**, and **29, 56.447, 19.129** is the 20% darker color. If you saturate the color by 10%, you get **44, 71.826, 10.015**, and if you desaturate by 10%, it is **45, 69.040, 4.384**.

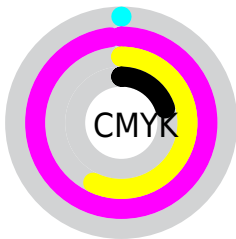
Distribution



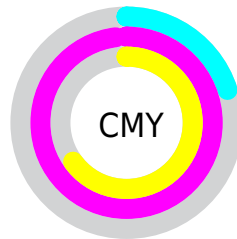
- Red (80%)
- Green (2%)
- Blue (35%)



- Red (80%)
- Yellow (2%)
- Blue (35%)



- Cyan (0%)
- Magenta (98%)
- Yellow (57%)
- Black (20%)



- Cyan (20%)
- Magenta (98%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 71.339, 8.920 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, 71.339, 8.920 by changing the saturation by 10% instead.

 44, 71.339, 8.920  44, 71.339, 8.920

 100, 71.339, 8.920  34, 71.339, 8.920


 64, 71.339, 8.920  24, 71.339, 8.920

 74, 71.339, 8.920  14, 71.339, 8.920

 84, 71.339, 8.920  4, 71.339, 8.920

 94, 71.339, 8.920  0, 71.339, 8.920

 44, 71.339, 8.920  44, 71.339, 8.920

 44, 71.826, 10.015  45, 69.040, 4.384

 47, 65.097, 0.720

 50, 59.338,

357.833

■ 54, 52.038,
355.545

■ 58, 43.645,
353.699

■ 62, 34.611,
352.174

■ 68, 25.307,
350.883

■ 73, 15.999,
349.761

■ 78, 6.857, 348.748

Harmonies

Complementary

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



44, 71.339, 8.920



73, 68.725, 153.807

Rectangle

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



44, 71.339, 8.920



44, 71.339, 58.920



44, 71.339, 188.920



44, 71.339, 238.920

Sweetspot

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



44, 71.335, 8.922



81, 31.654, 351.086



35, 103.599, 313.582



41, 21.773, 351.633



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, 71.335, 8.922



54, 84.678, 10.732



43, 86.528, 40.105



40, 5.048, 348.918



35, 61.222, 9.164



4, 19.238, 358.310

Inverse Universe

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



44, 71.335, 8.922



54, 84.678, 10.732



71, 38.981, 207.571



40, 5.048, 348.918



35, 61.222, 9.164



4, 19.238, 358.310

Previews

White Background



This preview shows how the CIELCh color 44, 71.339, 8.920 looks on a white background.

Color Contrast Check

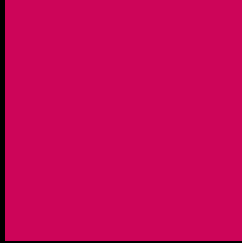
Large Text (above 18pt) WCAG AA ✓ Pass

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, 71.339, 8.920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

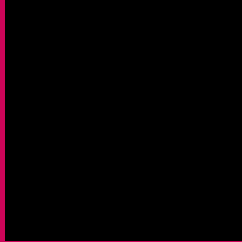
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 71.339, 8.920

Background



This preview shows how black text looks on a background with the CIELCh color 44, 71.339, 8.920.

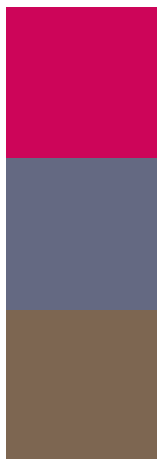


This preview shows how white text looks on a background with the CIELCh color 44, 71.339, 8.920.

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, 71.255, 8.966

Protanopia

45, 15.003, 285.208

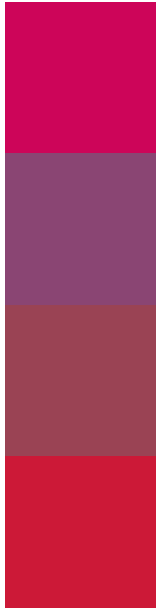
Deuteranopia

45, 16.444, 68.849



Tritanopia
44, 76.487, 35.032

Trichromacy



Original Color
44, 71.255, 8.966

Protanomaly
39, 37.913, 339.623

Deuteranomaly
40, 38.849, 11.800

Tritanomaly
44, 73.322, 26.028

Monochromacy



Original Color
44, 71.255, 8.966

Achromatopsia
31, 0.005, 296.813

Achromatomaly
32, 35.374, 355.227

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 71.339, 8.920 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, 5, 89)` looks like.

```
.text, #text, p{  
    color:rgb(205, 5, 89)  
}
```

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, 5, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 5, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 71.339, 8.920 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, 5, 89) }
```

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

```
.border{ border-color:rgb(205, 5, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 5, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 5, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 5, 89);  
box-shadow:4px 4px 4px 4px rgb(205, 5, 89)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 44, 71.339, 8.920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 5, 89) }
```

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

```
.background{ background-color: rgb(205, 5,  
89) }
```

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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