

Converting Colors

CIELCh(44, 66.865, 5.928)

Have a look what the booklet for
CIELCh(44, 66.865, 5.928) contains.

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Color

CIELCh(44, 66.740, 5.641)

Conversions

Conversions Part 1

Format	Color
Hex	C71C60
RGB	199, 28, 96
RGB Percent	78%, 11%, 38%
CMY	0.2192, 0.8896, 0.6232
CMYK	0.00, 0.86, 0.52, 0.22
HSL	336°, 75%, 45%
HSV	336°, 86%, 78%
XYZ	26.1113, 13.8382, 12.3789
YIQ	86.8810, 80.0880, 57.4000

Conversions

Conversions Part 2

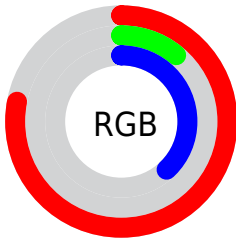
Format	Color
R_{YB}	199, 28, 96
Decimal	13048928
CIE _{Lab}	44.00, 66.42, 6.56
CIE _{LCh}	44, 66.740, 5.641
Yxy	13.8382, 0.4990, 0.2644
Android (android.graphics.Color)	4291239008 (0xFFC71C60)
YUV	86.8810, 4.4957, 98.3284
Hunter-Lab	37.1997, 60.1935, 6.3100

Details

The CIELCh color **44, 66.740, 5.641** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed rose. A complement of this color would be **71, 60.683, 157.929**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 64.947, 4.490**, and **28, 53.982, 13.874** is the 20% darker color. If you saturate the color by 10%, you get **43, 69.481, 10.207**, and if you desaturate by 10%, it is **46, 62.362, 1.987**.

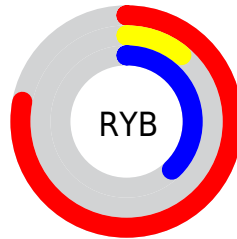
Distribution



Red (78%)

Green (11%)

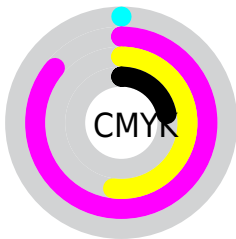
Blue (38%)



Red (78%)

Yellow (11%)

Blue (38%)

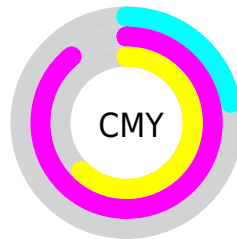


Cyan (0%)

Magenta (86%)

Yellow (52%)

Black (22%)



Cyan (22%)

Magenta (89%)



Yellow (62%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 66.740, 5.641 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, 66.740, 5.641 by changing the saturation by 10% instead.

 44, 66.740, 5.641  44, 66.740, 5.641


 100, 66.740, 5.641  34, 66.740, 5.641

 64, 66.740, 5.641  24, 66.740, 5.641

 74, 66.740, 5.641  14, 66.740, 5.641

 84, 66.740, 5.641  4, 66.740, 5.641

 94, 66.740, 5.641  0, 66.740, 5.641

 44, 66.740, 5.641  44, 66.740, 5.641

 43, 69.481, 10.207  46, 62.362, 1.987

 42, 70.464, 12.230  49, 56.321,
359.105

■ 53, 48.916,
356.821

■ 57, 40.583,
354.976

■ 62, 31.742,
353.453

■ 67, 22.725,
352.163

■ 72, 13.764,
351.042

■ 77, 5.005, 350.014

■ 83, 3.472, 169.364

Harmonies

Complementary

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



44, 66.740, 5.641



71, 60.683, 157.929

Rectangle

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



44, 66.740, 5.641



44, 66.740, 55.641



44, 66.740, 185.641



44, 66.740, 235.641

Sweetspot

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



44, 66.737, 5.643



83, 27.953, 352.226



37, 95.092, 315.128



42, 19.008, 352.660



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, 66.737, 5.643



54, 85.058, 13.088



44, 75.308, 38.700



39, 4.872, 350.377



34, 60.704, 11.392



4, 17.029, 359.040

Inverse Universe

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



44, 66.737, 5.643



54, 85.058, 13.088



68, 36.330, 212.023



39, 4.872, 350.377



34, 60.704, 11.392



4, 17.029, 359.040

Previews

White Background



This preview shows how the CIELCh color 44, 66.740, 5.641 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 44, 66.740, 5.641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

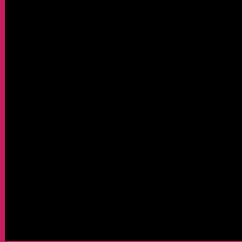
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 66.740, 5.641

Background



This preview shows how black text looks on a background with the CIELCh color 44, 66.740, 5.641.

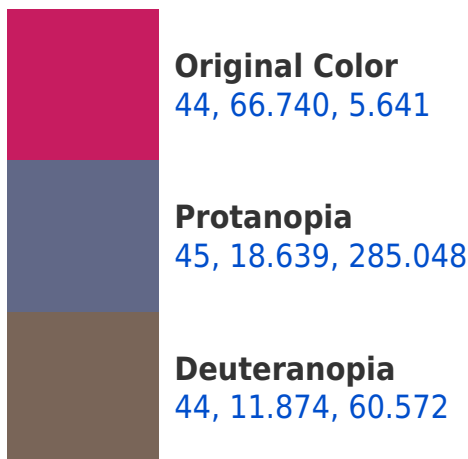


This preview shows how white text looks on a background with the CIELCh color 44, 66.740, 5.641.

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





Tritanopia
44, 69.584, 32.411

Trichromacy



Original Color
44, 66.740, 5.641

Protanomaly
41, 34.801, 334.220

Deuteranomaly
41, 33.144, 8.626

Tritanomaly
44, 66.995, 23.259

Monochromacy



Original Color
44, 66.740, 5.641

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 29.757, 355.819

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 66.740, 5.641 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(199, 28, 96)` looks like.

```
.text, #text, p{  
    color:rgb(199, 28, 96)  
}
```

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(199, 28, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 28, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 66.740, 5.641 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(199, 28, 96) }
```

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

```
.border{ border-color:rgb(199, 28, 96) }
```

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

Here you see how a box with a 4 pixel rgb(199, 28, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 28, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 28, 96);  
box-shadow:4px 4px 4px 4px rgb(199, 28,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 66.740, 5.641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 28, 96) }
```

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

```
.background{ background-color: rgb(199, 28,  
96) }
```

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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