

Converting Colors

CIELCh(71, 83.291, 122.447)

Have a look what the booklet for
CIELCh(71, 83.291, 122.447)
contains.

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Color

CIELCh(71, 83.164, 122.420)

Conversions

Conversions Part 1

Format	Color
Hex	7DC008
RGB	125, 192, 8
RGB Percent	49%, 75%, 3%
CMY	0.5089, 0.2462, 0.9701
CMYK	0.35, 0.00, 0.96, 0.25
HSL	82°, 92%, 39%
HSV	82°, 96%, 75%
XYZ	27.4286, 42.1875, 6.9158
YIQ	150.9910, 19.1320, -71.4280

Conversions

Conversions Part 2

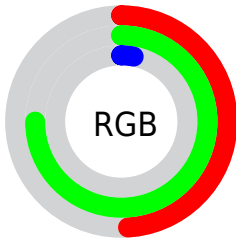
Format	Color
RYB	8, 192, 75
Decimal	8241160
CIELab	71.00, -44.59, 70.20
CIELCh	71, 83.164, 122.420
Yxy	42.1875, 0.3584, 0.5512
Android (android.graphics.Color)	4286431240 (0xFF7DC008)
YUV	150.9910, -70.4946, -22.7941
Hunter-Lab	64.9519, -38.2869, 39.1534

Details

The CIELCh color **71, 83.164, 122.420** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **28, 101.860, 309.304**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 83.288, 122.398**, and **51, 69.156, 128.126** is the 20% darker color. If you saturate the color by 10%, you get **71, 84.328, 122.822**, and if you desaturate by 10%, it is **71, 79.476, 121.548**.

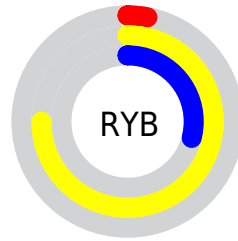
Distribution



Red (49%)

Green (75%)

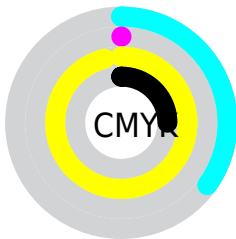
Blue (3%)



Red (3%)

Yellow (75%)

Blue (29%)

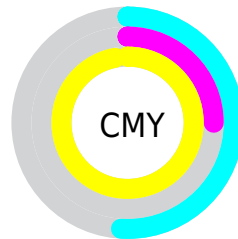


Cyan (35%)

Magenta (0%)

Yellow (96%)

Black (25%)



Cyan (51%)


Magenta (25%)


Yellow (97%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 83.164, 122.420 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 71, 83.164, 122.420 by changing the saturation by 10% instead.


 71, 83.164,
122.420


 71, 83.164,
122.420


 100, 83.164,
122.420


 61, 83.164,
122.420


 91, 83.164,
122.420

 51, 83.164,
122.420

 41, 83.164,
122.420

 31, 83.164,
122.420

 21, 83.164,
122.420

 11, 83.164,
122.420

 1, 83.164, 122.420

■ 0, 83.164, 122.420

■ 71, 83.164,
122.420

■ 71, 83.164,
122.420

■ 71, 84.328,
122.822

■ 71, 79.476,
121.548

■ 72, 73.764,
121.143

■ 72, 66.325,
121.119

■ 73, 57.624,
121.357

■ 74, 48.078,
121.758

■ 74, 37.999,
122.248

■ 75, 27.605,
122.778

■ 76, 17.041,
123.317

■ 77, 6.408, 123.849

Harmonies

Complementary

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



71, 83.164, 122.420



28, 101.860, 309.304

Rectangle

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



71, 83.164, 122.420



71, 83.164, 172.420



71, 83.164, 302.420



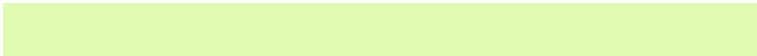
71, 83.164, 352.420

Sweetspot

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



71, 83.164, 122.421



95, 38.000, 122.594



47, 71.927, 50.455



50, 26.006, 122.366



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



71, 83.164, 122.421



90, 102.913, 123.074



68, 94.616, 135.165



41, 6.067, 123.672



60, 73.717, 122.612



11, 20.114, 126.868

Inverse Universe

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



28, 101.860, 309.304



36, 126.713, 309.051



41, 93.625, 322.616



38, 6.171, 304.636



22, 90.755, 309.347



2, 19.847, 300.927

Previews

White Background



This preview shows how the CIELCh color 71, 83.164, 122.420 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 71, 83.164, 122.420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

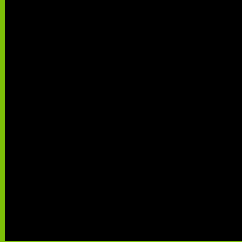
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 83.164, 122.420

Background



This preview shows how black text looks on a background with the CIELCh color 71, 83.164, 122.420.



This preview shows how white text looks on a background with the CIELCh color 71, 83.164, 122.420.

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

71, 83.064, 122.451

Protanopia

71, 73.192, 94.989

Deuteranopia

71, 67.507, 82.151



Tritanopia
71, 13.710, 232.727

Trichromacy



Original Color
71, 83.064, 122.451

Protanomaly
70, 74.446, 106.317

Deuteranomaly
70, 68.796, 99.480

Tritanomaly
70, 36.150, 136.958

Monochromacy



Original Color
71, 83.064, 122.451

Achromatopsia
62, 0.008, 296.813

Achromatomaly
65, 37.614, 121.862

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 83.164, 122.420 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(125, 192, 8)` looks like.

```
.text, #text, p{  
    color:rgb(125, 192, 8)  
}
```

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(125, 192, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 192, 8) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 83.164, 122.420 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(125, 192, 8) }
```

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

```
.border{ border-color:rgb(125, 192, 8) }
```

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

Here you see how a box with a 4 pixel rgb(125, 192, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 192, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 192, 8);  
box-shadow:4px 4px 4px 4px rgb(125, 192,  
8) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 83.164, 122.420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 192, 8) }
```

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

```
.background{ background-color: rgb(125,  
192, 8) }
```

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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