

Converting Colors

CIELCh(71, 84.083, 125.404)

Have a look what the booklet for
CIELCh(71, 84.083, 125.404)
contains.

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Color

CIELCh(71, 84.096, 125.389)

Conversions

Conversions Part 1

Format	Color
Hex	73C213
RGB	115, 194, 19
RGB Percent	45%, 76%, 7%
CMY	0.5497, 0.2399, 0.9267
CMYK	0.41, 0.00, 0.90, 0.24
HSL	87°, 82%, 42%
HSV	87°, 90%, 76%
XYZ	26.4163, 42.1875, 7.3521
YIQ	150.4290, 9.0910, -71.1730

Conversions

Conversions Part 2

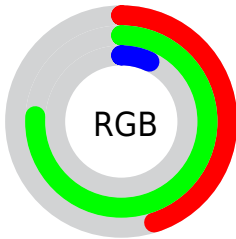
Format	Color
RYB	19, 194, 98
Decimal	7586323
CIELab	71.00, -48.70, 68.56
CIELCh	71, 84.096, 125.389
Yxy	42.1875, 0.3478, 0.5554
Android (android.graphics.Color)	4285776403 (0xFF73C213)
YUV	150.4290, -64.7945, -31.0712
Hunter-Lab	64.9519, -41.0690, 38.7551

Details

The CIELCh color **71, 84.096, 125.389** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark washed chartreuse. A complement of this color would be **32, 98.007, 311.238**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 84.235, 125.349**, and **51, 71.864, 130.807** is the 20% darker color. If you saturate the color by 10%, you get **71, 87.383, 126.388**, and if you desaturate by 10%, it is **71, 78.935, 124.747**.

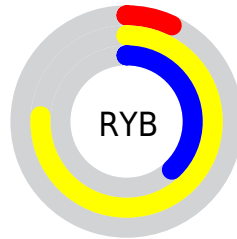
Distribution



Red (45%)

Green (76%)

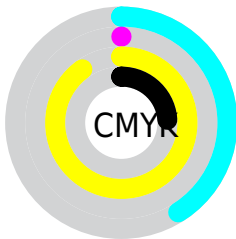
Blue (7%)



Red (7%)

Yellow (76%)

Blue (38%)

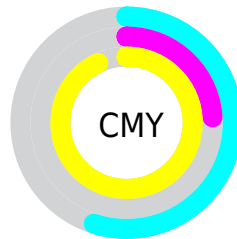


Cyan (41%)

Magenta (0%)

Yellow (90%)

Black (24%)



Cyan (55%)

Magenta (24%)

Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 84.096, 125.389 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, 84.096, 125.389 by changing the saturation by 10% instead.

 71, 84.096,
125.389

 71, 84.096,
125.389


 100, 84.096,
125.389

 61, 84.096,
125.389


 91, 84.096,
125.389

 51, 84.096,
125.389

 41, 84.096,
125.389

 31, 84.096,
125.389

 21, 84.096,
125.389

 11, 84.096,
125.389

 1, 84.096, 125.389

■ 0, 84.096, 125.389

■ 71, 84.096,
125.389

■ 71, 84.096,
125.389

■ 71, 87.383,
126.388

■ 71, 78.935,
124.747

■ 72, 71.868,
124.543

■ 73, 63.333,
124.659

■ 73, 53.783,
124.977

■ 74, 43.583,
125.407

■ 75, 32.991,
125.889

■ 76, 22.185,
126.386

■ 77, 11.287,
126.874

■ 78, 0.384, 127.584

Harmonies

Complementary

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



71, 84.096, 125.389



32, 98.007, 311.238

Rectangle

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



71, 84.096, 125.389



71, 84.096, 175.389



71, 84.096, 305.389



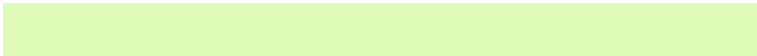
71, 84.096, 355.389

Sweetspot

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



71, 84.096, 125.390



96, 36.398, 126.035



52, 65.817, 58.732



51, 24.693, 125.862



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 84.096, 125.390



90, 106.849, 126.651



69, 94.539, 136.081



40, 6.173, 126.922



59, 75.875, 126.158



11, 20.764, 130.645

Inverse Universe

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



32, 98.007, 311.238



39, 125.417, 310.630



45, 92.093, 326.335



38, 6.266, 307.772



24, 89.150, 310.961



2, 20.060, 303.678

Previews

White Background



This preview shows how the CIELCh color 71, 84.096, 125.389 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, 84.096, 125.389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

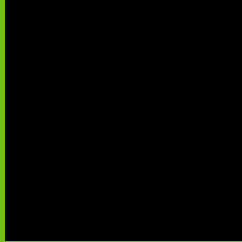
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 84.096, 125.389

Background



This preview shows how black text looks on a background with the CIELCh color 71, 84.096, 125.389.

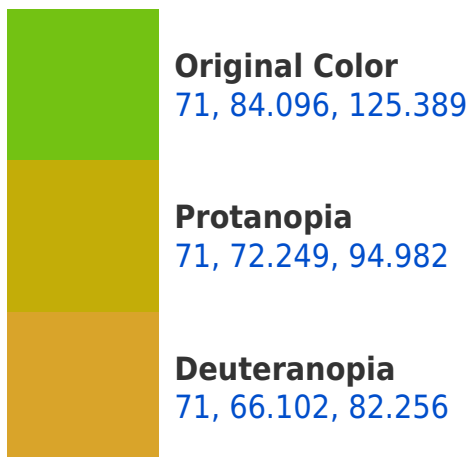


This preview shows how white text looks on a background with the CIELCh color 71, 84.096, 125.389.

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
71, 16.322, 228.767

Trichromacy



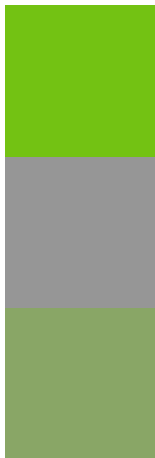
Original Color
71, 84.096, 125.389

Protanomaly
70, 73.934, 108.139

Deuteranomaly
70, 67.270, 101.492

Tritanomaly
70, 36.361, 143.291

Monochromacy



Original Color
71, 84.096, 125.389

Achromatopsia
62, 0.008, 296.813

Achromatomaly
65, 36.776, 125.587

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 84.096, 125.389 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(115, 194, 19)` looks like.

```
.text, #text, p{  
    color:rgb(115, 194, 19)  
}
```

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(115, 194, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 194, 19) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 84.096, 125.389 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(115, 194, 19) }
```

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

```
.border{ border-color:rgb(115, 194, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 194, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 194, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 194, 19);  
box-shadow:4px 4px 4px 4px rgb(115, 194,  
19) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 84.096, 125.389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 194, 19) }
```

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

```
.background{ background-color: rgb(115,  
194, 19) }
```

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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