

Converting Colors

CIELCh(71, 85.566, 125.438)

Have a look what the booklet for
CIELCh(71, 85.566, 125.438)
contains.

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Color

CIELCh(71, 85.486, 125.435)

Conversions

Conversions Part 1

Format	Color
Hex	71C20A
RGB	113, 194, 10
RGB Percent	44%, 76%, 4%
CMY	0.5563, 0.2387, 0.9592
CMYK	0.42, 0.00, 0.95, 0.24
HSL	86°, 90%, 40%
HSV	86°, 95%, 76%
XYZ	26.2077, 42.1875, 7.0599
YIQ	148.8050, 10.7880, -74.3960

Conversions

Conversions Part 2

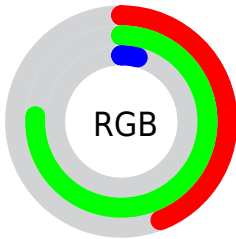
Format	Color
RYB	10, 194, 91
Decimal	7455242
CIELab	71.00, -49.56, 69.65
CIELCh	71, 85.486, 125.435
Yxy	42.1875, 0.3473, 0.5591
Android (android.graphics.Color)	4285645322 (0xFF71C20A)
YUV	148.8050, -68.4309, -31.4010
Hunter-Lab	64.9519, -41.6421, 39.0218

Details

The CIELCh color **71, 85.486, 125.435** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **30, 100.518, 310.838**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 85.552, 125.466**, and **51, 72.289, 131.334** is the 20% darker color. If you saturate the color by 10%, you get **71, 87.189, 126.007**, and if you desaturate by 10%, it is **71, 81.245, 124.579**.

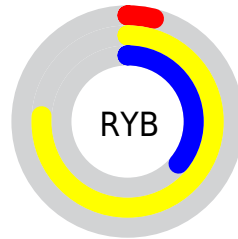
Distribution



Red (44%)

Green (76%)

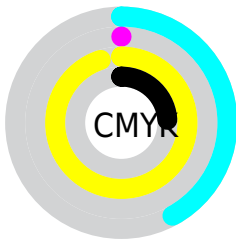
Blue (4%)



Red (4%)

Yellow (76%)

Blue (36%)

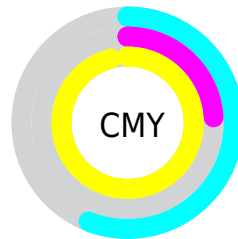


Cyan (42%)

Magenta (0%)

Yellow (95%)

Black (24%)



Cyan (56%)


Magenta (24%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 85.486, 125.435 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, 85.486, 125.435 by changing the saturation by 10% instead.


 71, 85.486,
125.435


 71, 85.486,
125.435


 100, 85.486,
125.435


 61, 85.486,
125.435


 91, 85.486,
125.435

 51, 85.486,
125.435

 41, 85.486,
125.435

 31, 85.486,
125.435

 21, 85.486,
125.435

 11, 85.486,
125.435

 1, 85.486, 125.435

■ 0, 85.486, 125.435

■ 71, 85.486,
125.435

■ 71, 85.486,
125.435

■ 71, 87.189,
126.007

■ 71, 81.245,
124.579

■ 72, 74.975,
124.200

■ 73, 67.032,
124.194

■ 73, 57.887,
124.438

■ 74, 47.947,
124.830

■ 75, 37.514,
125.298

■ 76, 26.797,
125.795

■ 77, 15.940,
126.292

■ 78, 5.042, 126.782

Harmonies

Complementary

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



71, 85.486, 125.435



30, 100.518, 310.838

Rectangle

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



71, 85.486, 125.435



71, 85.486, 175.435



71, 85.486, 305.435



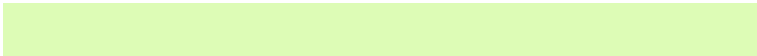
71, 85.486, 355.435

Sweetspot

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



71, 85.486, 125.436



95, 37.642, 125.605



50, 68.768, 56.453



51, 26.147, 125.386



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, 85.486, 125.436



90, 106.480, 126.268



69, 95.858, 135.868



40, 6.160, 126.550



59, 75.620, 125.775



11, 20.689, 130.240

Inverse Universe

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



30, 100.518, 310.838



39, 125.692, 310.425



44, 93.376, 325.689



38, 6.254, 307.411



23, 89.341, 310.754



2, 20.031, 303.340

Previews

White Background



This preview shows how the CIELCh color 71, 85.486, 125.435 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, 85.486, 125.435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

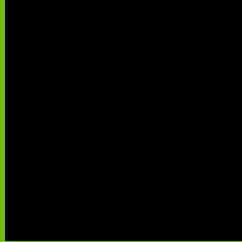
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 85.486, 125.435

Background



This preview shows how black text looks on a background with the CIELCh color 71, 85.486, 125.435.



This preview shows how white text looks on a background with the CIELCh color 71, 85.486, 125.435.

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](#).

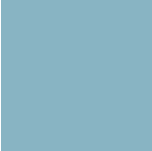
Dichromacy



Original Color
71, 85.486, 125.435

Protanopia
71, 73.192, 94.989

Deuteranopia
71, 66.913, 82.029



Tritanopia
71, 16.585, 228.220

Trichromacy



Original Color
71, 85.486, 125.435

Protanomaly
70, 74.889, 108.331

Deuteranomaly
70, 68.546, 101.403

Tritanomaly
70, 37.907, 142.298

Monochromacy



Original Color
71, 85.486, 125.435

Achromatopsia
62, 0.008, 296.813

Achromatomaly
64, 37.799, 125.009

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 85.486, 125.435 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(113, 194, 10)` looks like.

```
.text, #text, p{  
    color:rgb(113, 194, 10)  
}
```

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(113, 194, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 194, 10) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 85.486, 125.435 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(113, 194, 10) }
```

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

```
.border{ border-color:rgb(113, 194, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 194, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 194, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 194, 10);  
box-shadow:4px 4px 4px 4px rgb(113, 194,  
10) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 85.486, 125.435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 194, 10) }
```

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

```
.background{ background-color: rgb(113,  
194, 10) }
```

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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