

Converting Colors

CIELCh(71, 81.072, 135.269)

Have a look what the booklet for
CIELCh(71, 81.072, 135.269)
contains.

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Color

CIELCh(71, 81.114, 135.235)

Conversions

Conversions Part 1

Format	Color
Hex	52C53A
RGB	82, 197, 58
RGB Percent	32%, 77%, 23%
CMY	0.6771, 0.2263, 0.7713
CMYK	0.58, 0.00, 0.70, 0.23
HSL	110°, 55%, 50%
HSV	110°, 70%, 77%
XYZ	24.3157, 42.1875, 10.9051
YIQ	146.7690, -23.9210, -67.6090

Conversions

Conversions Part 2

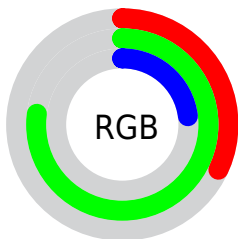
Format	Color
RYB	58, 197, 173
Decimal	5424442
CIELab	71.00, -57.59, 57.12
CIELCh	71, 81.114, 135.235
Yxy	42.1875, 0.3141, 0.5450
Android (android.graphics.Color)	4283614522 (0xFF52C53A)
YUV	146.7690, -43.7631, -56.8024
Hunter-Lab	64.9519, -46.8419, 35.5118

Details

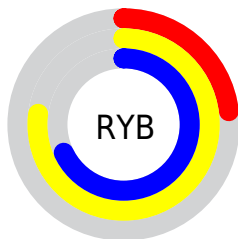
The CIELCh color **71, 81.114, 135.235** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **47, 82.013, 322.214**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 81.245, 135.371**, and **51, 77.464, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **70, 88.802, 134.840**, and if you desaturate by 10%, it is **72, 71.654, 135.848**.

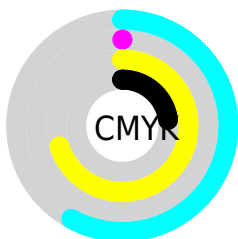
Distribution



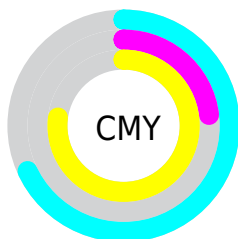
- Red (32%)
- Green (77%)
- Blue (23%)



- Red (23%)
- Yellow (77%)
- Blue (68%)



- Cyan (58%)
- Magenta (0%)
- Yellow (70%)
- Black (23%)





- Cyan (68%)
- Magenta (23%)
- Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 81.114, 135.235 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, 81.114, 135.235 by changing the saturation by 10% instead.


 71, 81.114,
135.235


 71, 81.114,
135.235


 100, 81.114,
135.235


 61, 81.114,
135.235


 91, 81.114,
135.235

 51, 81.114,
135.235

 41, 81.114,
135.235

 31, 81.114,
135.235

 21, 81.114,
135.235

 11, 81.114,
135.235

 1, 81.114, 135.235

■ 0, 81.114, 135.235

■ 71, 81.114,
135.235

■ 71, 81.114,
135.235

■ 70, 88.802,
134.840

■ 72, 71.654,
135.848

■ 70, 94.232,
134.784

■ 73, 60.936,
136.556

■ 70, 97.381,
134.990

■ 74, 49.395,
137.276

■ 75, 37.364,
137.958

■ 76, 25.095,
138.580

■ 78, 12.774,
139.136

■ 80, 0.535, 139.995

■ 81, 11.526,
319.989

■ 83, 23.343,
320.351

Harmonies

Complementary

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



71, 81.114, 135.235



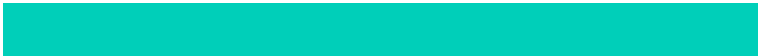
47, 82.013, 322.214

Rectangle

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



71, 81.114, 135.235



71, 81.114, 185.235



71, 81.114, 315.235



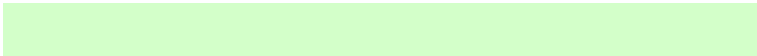
71, 81.114, 5.235

Sweetspot

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



71, 81.114, 135.236



96, 31.745, 138.528



71, 59.067, 93.071



51, 21.492, 138.359



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, 81.114, 135.236



89, 111.930, 134.760



71, 68.240, 147.139



41, 6.975, 139.191



59, 84.459, 134.872



11, 25.339, 140.187

Inverse Universe

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



47, 82.013, 322.214



56, 112.129, 322.115



49, 67.048, 341.233



39, 7.009, 320.018



34, 84.000, 321.725



4, 24.761, 319.647

Previews

White Background



This preview shows how the CIELCh color 71, 81.114, 135.235 looks on a white background.

Color Contrast Check

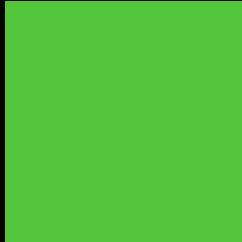
Large Text (above 18pt) WCAG AA × Fail

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, 81.114, 135.235 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, 81.114, 135.235

Background



This preview shows how black text looks on a background with the CIELCh color 71, 81.114, 135.235.

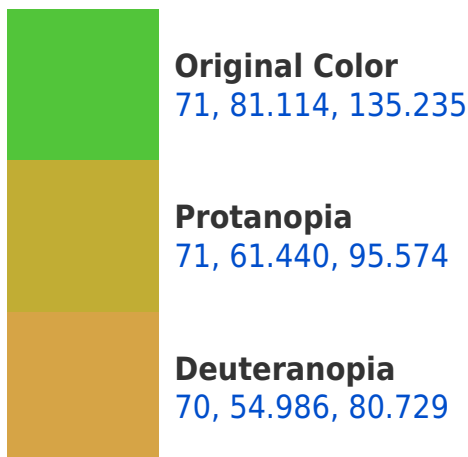


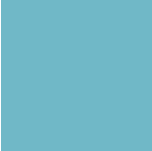
This preview shows how white text looks on a background with the CIELCh color 71, 81.114, 135.235.

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, 23.681, 218.229

Trichromacy



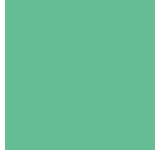
Original Color
71, 81.114, 135.235



Protanomaly
70, 64.773, 115.110



Deuteranomaly
69, 56.468, 108.949



Tritanomaly
70, 38.243, 160.702

Monochromacy



Original Color
71, 81.114, 135.235



Achromatopsia
61, 0.008, 296.813



Achromatomaly
64, 32.282, 138.344

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 81.114, 135.235 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(82, 197, 58)` looks like.

```
.text, #text, p{  
    color:rgb(82, 197, 58)  
}
```

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(82, 197, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 197, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 81.114, 135.235 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(82, 197, 58) }
```

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

```
.border{ border-color:rgb(82, 197, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 197, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 197, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 197, 58);  
box-shadow:4px 4px 4px 4px rgb(82, 197,  
58) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 81.114, 135.235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 197, 58) }
```

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

```
.background{ background-color: rgb(82, 197,  
58) }
```

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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