

Converting Colors

CIELCh(71, 87.996, 141.278)

Have a look what the booklet for
CIELCh(71, 87.996, 141.278)
contains.

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Color

CIELCh(71, 87.888, 141.324)

Conversions

Conversions Part 1

Format	Color
Hex	06C93F
RGB	6, 201, 63
RGB Percent	2%, 79%, 25%
CMY	0.9758, 0.2116, 0.7528
CMYK	0.97, 0.00, 0.69, 0.21
HSL	138°, 94%, 41%
HSV	138°, 97%, 79%
XYZ	21.8694, 42.1875, 11.6977
YIQ	126.9630, -71.9220, -84.2580

Conversions

Conversions Part 2

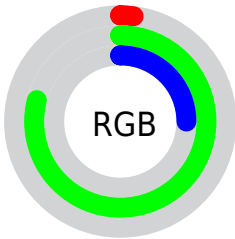
Format	Color
RYB	6, 157, 201
Decimal	444735
CIELab	71.00, -68.61, 54.92
CIELCh	71, 87.888, 141.324
Yxy	42.1875, 0.2887, 0.5569
Android (android.graphics.Color)	4278634815 (0xFF06C93F)
YUV	126.9630, -31.5338, -106.0846
Hunter-Lab	64.9519, -53.5646, 34.7883

Details

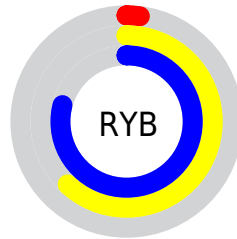
The CIELCh color **71, 87.888, 141.324** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **45, 77.340, 343.852**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 85.889, 141.512**, and **52, 78.653, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **71, 89.408, 140.781**, and if you desaturate by 10%, it is **71, 82.336, 143.244**.

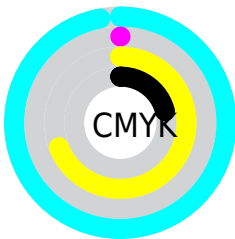
Distribution



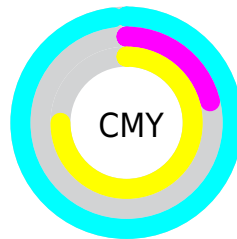
- Red (2%)
- Green (79%)
- Blue (25%)



- Red (2%)
- Yellow (62%)
- Blue (79%)



- Cyan (97%)
- Magenta (0%)
- Yellow (69%)
- Black (21%)





- Cyan (98%)
- Magenta (21%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 87.888, 141.324 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, 87.888, 141.324 by changing the saturation by 10% instead.


 71, 87.888,
141.324


 71, 87.888,
141.324


 100, 87.888,
141.324


 61, 87.888,
141.324


 91, 87.888,
141.324

 51, 87.888,
141.324

 41, 87.888,
141.324

 31, 87.888,
141.324

 21, 87.888,
141.324

 11, 87.888,
141.324

 1, 87.888, 141.324

■ 0, 87.888, 141.324

■ 71, 87.888,
141.324

■ 71, 87.888,
141.324

■ 71, 89.408,
140.781

■ 71, 82.336,
143.244

■ 72, 75.610,
145.095

■ 72, 67.779,
146.798

■ 73, 58.988,
148.323

■ 74, 49.422,
149.665

■ 75, 39.285,
150.835

■ 76, 28.782,
151.851

■ 78, 18.094,
152.738

■ 80, 7.378, 153.531

Harmonies

Complementary

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



71, 87.888, 141.324



45, 77.340, 343.852

Rectangle

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



71, 87.888, 141.324



71, 87.888, 191.324



71, 87.888, 321.324



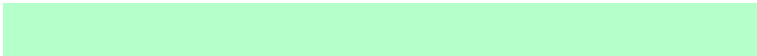
71, 87.888, 11.324

Sweetspot

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



71, 87.888, 141.324



94, 37.558, 151.613



75, 84.259, 118.864



49, 25.722, 151.176



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, 87.888, 141.324



88, 107.661, 140.493



72, 52.541, 169.640



41, 5.988, 153.342



58, 76.028, 141.097



11, 23.008, 149.239

Inverse Universe

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



45, 77.340, 343.852



57, 92.448, 344.712



42, 75.496, 26.962



39, 6.018, 334.558



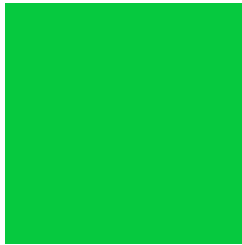
36, 66.567, 344.093



4, 20.708, 340.080

Previews

White Background



This preview shows how the CIELCh color 71, 87.888, 141.324 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, 87.888, 141.324 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, 87.888, 141.324

Background



This preview shows how black text looks on a background with the CIELCh color 71, 87.888, 141.324.

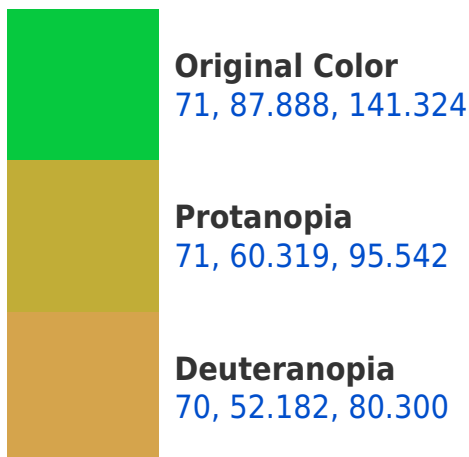


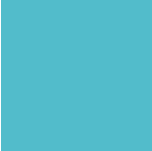
This preview shows how white text looks on a background with the CIELCh color 71, 87.888, 141.324.

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, 30.869, 212.805

Trichromacy



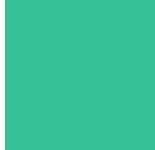
Original Color
71, 87.888, 141.324



Protanomaly
68, 67.302, 125.022



Deuteranomaly
68, 57.243, 121.451



Tritanomaly
70, 47.477, 167.637

Monochromacy



Original Color
71, 87.888, 141.324



Achromatopsia
53, 0.007, 296.813



Achromatomaly
58, 39.034, 150.027

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 87.888, 141.324 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(6, 201, 63)` looks like.

```
.text, #text, p{  
    color:rgb(6, 201, 63)  
}
```

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(6, 201, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 201, 63) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 87.888, 141.324 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(6, 201, 63) }
```

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

```
.border{ border-color:rgb(6, 201, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 201, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 201, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 201, 63);  
box-shadow:4px 4px 4px 4px rgb(6, 201, 63)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 71, 87.888, 141.324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 201, 63) }
```

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

```
.background{ background-color: rgb(6, 201,  
63) }
```

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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