

Converting Colors

CIELCh(71, 78.271, 145.412)

Have a look what the booklet for
CIELCh(71, 78.271, 145.412)
contains.

CIELCh(71, 78.385, 145.355)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(71, 78.385, 145.355)

Conversions

Conversions Part 1

Format	Color
Hex	19C857
RGB	25, 200, 87
RGB Percent	10%, 78%, 34%
CMY	0.9023, 0.2158, 0.6589
CMYK	0.88, 0.00, 0.57, 0.22
HSL	141°, 78%, 44%
HSV	141°, 88%, 78%
XYZ	22.7651, 42.1875, 15.9541
YIQ	134.7930, -68.0270, -72.2430

Conversions

Conversions Part 2

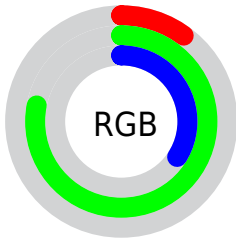
Format	Color
RYB	25, 154, 200
Decimal	1689687
CIELab	71.00, -64.49, 44.56
CIELCh	71, 78.385, 145.355
Yxy	42.1875, 0.2814, 0.5214
Android (android.graphics.Color)	4279879767 (0xFF19C857)
YUV	134.7930, -23.5619, -96.2885
Hunter-Lab	64.9519, -51.1031, 30.9029

Details

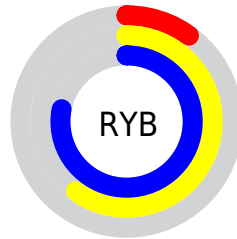
The CIELCh color **71, 78.385, 145.355** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **45, 73.180, 346.363**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 76.584, 145.646**, and **52, 71.245, 139.945** is the 20% darker color. If you saturate the color by 10%, you get **71, 83.773, 143.297**, and if you desaturate by 10%, it is **71, 72.003, 147.306**.

Distribution



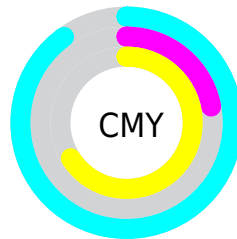
- Red (10%)
- Green (78%)
- Blue (34%)



- Red (10%)
- Yellow (60%)
- Blue (78%)



- Cyan (88%)
- Magenta (0%)
- Yellow (57%)
- Black (22%)





- Cyan (90%)
- Magenta (22%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 78.385, 145.355 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, 78.385, 145.355 by changing the saturation by 10% instead.


 71, 78.385,
145.355


 71, 78.385,
145.355


 100, 78.385,
145.355


 61, 78.385,
145.355


 91, 78.385,
145.355

 51, 78.385,
145.355

 41, 78.385,
145.355

 31, 78.385,
145.355

 21, 78.385,
145.355

 11, 78.385,
145.355

 1, 78.385, 145.355

0, 78.385, 145.355

71, 78.385,
145.355

71, 78.385,
145.355

71, 83.773,
143.297

71, 72.003,
147.306

71, 84.999,
142.818

72, 64.634,
149.080

73, 56.378,
150.658

74, 47.387,
152.045

75, 37.840,
153.256

76, 27.921,
154.313

■ 78, 17.801,
155.241

■ 79, 7.627, 156.076

■ 81, 2.484, 336.601

Harmonies

Complementary

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



71, 78.385, 145.355



45, 73.180, 346.363

Rectangle

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



71, 78.385, 145.355



71, 78.385, 195.355



71, 78.385, 325.355



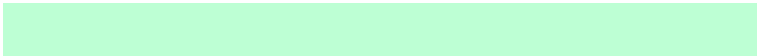
71, 78.385, 15.355

Sweetspot

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



71, 78.385, 145.355



95, 32.122, 154.427



74, 82.362, 121.110



50, 21.747, 154.077



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, 78.385, 145.355



88, 102.825, 142.495



73, 46.608, 178.021



41, 5.717, 155.926



59, 72.546, 143.155



11, 22.206, 150.817

Inverse Universe

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



45, 73.180, 346.363



56, 89.043, 349.668



43, 72.734, 27.192



39, 5.755, 337.213



36, 64.121, 348.833



4, 19.672, 343.952

Previews

White Background



This preview shows how the CIELCh color 71, 78.385, 145.355 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, 78.385, 145.355 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, 78.385, 145.355

Background



This preview shows how black text looks on a background with the CIELCh color 71, 78.385, 145.355.

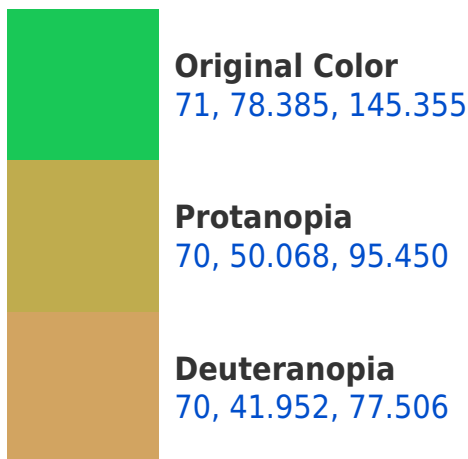


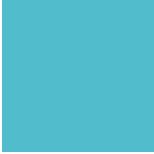
This preview shows how white text looks on a background with the CIELCh color 71, 78.385, 145.355.

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, 31.047, 212.702

Trichromacy



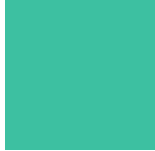
Original Color
71, 78.385, 145.355



Protanomaly
69, 56.690, 126.756



Deuteranomaly
68, 46.728, 123.348



Tritanomaly
70, 43.058, 172.847

Monochromacy



Original Color
71, 78.385, 145.355



Achromatopsia
56, 0.007, 296.813



Achromatomaly
60, 33.471, 153.224

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 78.385, 145.355 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(25, 200, 87)` looks like.

```
.text, #text, p{  
    color:rgb(25, 200, 87)  
}
```

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(25, 200, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 200, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 78.385, 145.355 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(25, 200, 87) }
```

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

```
.border{ border-color:rgb(25, 200, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 200, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 200, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 200, 87);  
box-shadow:4px 4px 4px 4px rgb(25, 200,  
87) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 78.385, 145.355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 200, 87) }
```

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

```
.background{ background-color: rgb(25, 200,  
87) }
```

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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