

Converting Colors

CIELCh(70, 79.231, 145.370)

Have a look what the booklet for
CIELCh(70, 79.231, 145.370)
contains.

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Color

CIELCh(70, 79.197, 145.319)

Conversions

Conversions Part 1

Format	Color
Hex	07C553
RGB	7, 197, 83
RGB Percent	3%, 77%, 33%
CMY	0.9743, 0.2262, 0.6734
CMYK	0.97, 0.00, 0.58, 0.23
HSL	144°, 94%, 40%
HSV	144°, 97%, 77%
XYZ	21.6936, 40.7494, 14.9645
YIQ	127.1940, -76.6460, -75.7340

Conversions

Conversions Part 2

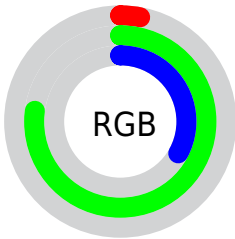
Format	Color
RYB	7, 143, 197
Decimal	509267
CIELab	70.00, -65.13, 45.06
CIELCh	70, 79.197, 145.319
Yxy	40.7494, 0.2803, 0.5264
Android (android.graphics.Color)	4278699347 (0xFF07C553)
YUV	127.1940, -21.7876, -105.4101
Hunter-Lab	63.8353, -51.0507, 30.7857

Details

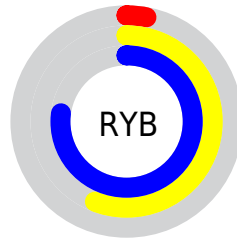
The CIELCh color **70, 79.197, 145.319** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **43, 71.704, 352.277**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 79.256, 145.123**, and **51, 71.063, 139.401** is the 20% darker color. If you saturate the color by 10%, you get **70, 80.812, 144.637**, and if you desaturate by 10%, it is **70, 73.961, 147.450**.

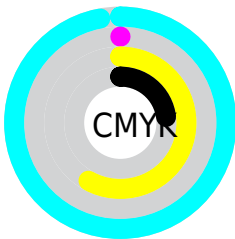
Distribution



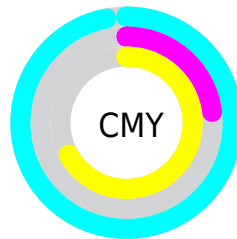
- Red (3%)
- Green (77%)
- Blue (33%)



- Red (3%)
- Yellow (56%)
- Blue (77%)



- Cyan (97%)
- Magenta (0%)
- Yellow (58%)
- Black (23%)





- Cyan (97%)
- Magenta (23%)
- Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 79.197, 145.319 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 70, 79.197, 145.319 by changing the saturation by 10% instead.


 70, 79.197,
145.319


 70, 79.197,
145.319


 100, 79.197,
145.319


 60, 79.197,
145.319


 90, 79.197,
145.319

 50, 79.197,
145.319

 40, 79.197,
145.319

 30, 79.197,
145.319

 20, 79.197,
145.319

 10, 79.197,
145.319

 0, 79.197, 145.319

■ 70, 79.197,
145.319

■ 70, 79.197,
145.319

■ 70, 80.812,
144.637

■ 70, 73.961,
147.450

■ 71, 67.818,
149.433

■ 71, 60.768,
151.220

■ 72, 52.892,
152.804

■ 73, 44.327,
154.196

■ 74, 35.237,
155.414

■ 75, 25.791,
156.483

■ 77, 16.149,

157.428

■ 78, 6.447, 158.291

Harmonies

Complementary

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



70, 79.197, 145.319



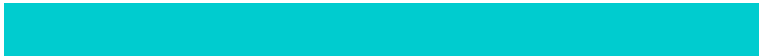
43, 71.704, 352.277

Rectangle

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



70, 79.197, 145.319



70, 79.197, 195.319



70, 79.197, 325.319



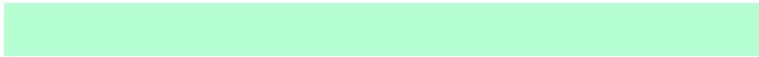
70, 79.197, 15.319

Sweetspot

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



70, 79.197, 145.319



94, 34.483, 156.201



72, 86.055, 124.070



50, 23.597, 155.739



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 79.197, 145.319



88, 98.801, 144.277



72, 45.034, 182.596



41, 5.518, 158.060



59, 69.686, 144.967



11, 21.542, 152.243

Inverse Universe

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



43, 71.704, 352.277



56, 87.009, 353.783



41, 80.016, 34.794



39, 5.564, 339.405



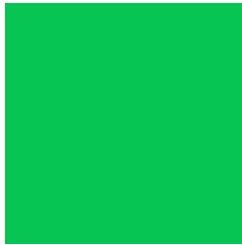
35, 62.624, 352.770



4, 18.988, 346.931

Previews

White Background



This preview shows how the CIELCh color 70, 79.197, 145.319 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 70, 79.197, 145.319 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 70, 79.197, 145.319

Background



This preview shows how black text looks on a background with the CIELCh color 70, 79.197, 145.319.



This preview shows how white text looks on a background with the CIELCh color 70, 79.197, 145.319.

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

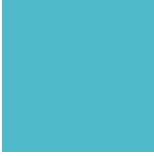
70, 79.140, 145.279

Protanopia

69, 50.494, 95.913

Deuteranopia

69, 42.747, 78.447



Tritanopia
70, 30.961, 212.779

Trichromacy



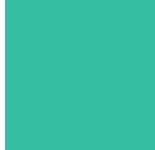
Original Color
70, 79.140, 145.279



Protanomaly
68, 58.301, 128.888



Deuteranomaly
67, 48.717, 125.983



Tritanomaly
69, 43.792, 173.083

Monochromacy



Original Color
70, 79.140, 145.279



Achromatopsia
53, 0.007, 296.813



Achromatomaly
58, 35.466, 154.326

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 79.197, 145.319 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(7, 197, 83)` looks like.

```
.text, #text, p{  
    color:rgb(7, 197, 83)  
}
```

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(7, 197, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 197, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 79.197, 145.319 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(7, 197, 83) }
```

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

```
.border{ border-color:rgb(7, 197, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 197, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 197, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 197, 83);  
box-shadow:4px 4px 4px 4px rgb(7, 197, 83)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 70, 79.197, 145.319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 197, 83) }
```

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

```
.background{ background-color: rgb(7, 197,  
83) }
```

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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