

Converting Colors

CIELCh(66, 79.598, 143.363)

Have a look what the booklet for
CIELCh(66, 79.598, 143.363)
contains.

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Color

CIELCh(66, 79.608, 143.330)

Conversions

Conversions Part 1

Format	Color
Hex	00BA44
RGB	0, 186, 68
RGB Percent	0%, 73%, 27%
CMY	1.0000, 0.2724, 0.7350
CMYK	1.00, 0.00, 0.64, 0.27
HSL	142°, 100%, 36%
HSV	142°, 100%, 73%
XYZ	18.4673, 35.3238, 11.2459
YIQ	116.9340, -72.9780, -76.1300

Conversions

Conversions Part 2

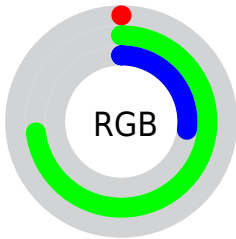
Format	Color
RYB	0, 136, 186
Decimal	47684
CIELab	66.00, -63.85, 47.54
CIELCh	66, 79.608, 143.330
Yxy	35.3238, 0.2840, 0.5431
Android (android.graphics.Color)	4278237764 (0xFF00BA44)
YUV	116.9340, -24.1245, -102.5511
Hunter-Lab	59.4338, -48.5455, 30.3851

Details

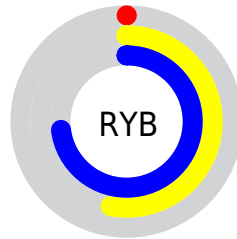
The CIELCh color **66, 79.608, 143.330** is a dark color, and the websafe version is hex **00CC66**. A complement of this color would be **41, 70.017, 349.896**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **86, 79.589, 143.323**, and **47, 71.604, 136.847** is the 20% darker color. If you saturate the color by 10%, you get **66, 79.545, 143.284**, and if you desaturate by 10%, it is **66, 74.616, 145.315**.

Distribution



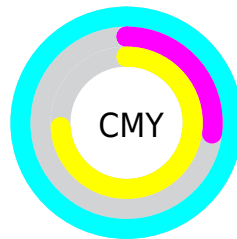
- Red (0%)
- Green (73%)
- Blue (27%)



- Red (0%)
- Yellow (53%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (64%)
- Black (27%)





- Cyan (100%)
- Magenta (27%)
- Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 79.608, 143.330 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 66, 79.608, 143.330 by changing the saturation by 10% instead.


 66, 79.608,
143.330


 66, 79.608,
143.330


 100, 79.608,
143.330


 56, 79.608,
143.330


 86, 79.608,
143.330

 46, 79.608,
143.330

 96, 79.608,
143.330

 36, 79.608,
143.330

 26, 79.608,
143.330

 16, 79.608,
143.330

 6, 79.608, 143.330

 0, 79.608, 143.330

■ 66, 79.608,
143.330

■ 66, 79.608,
143.330

■ 66, 79.545,
143.284

■ 66, 74.616,
145.315

■ 67, 68.847,
147.299

■ 67, 62.158,
149.112

■ 68, 54.624,
150.730

■ 69, 46.375,
152.155

■ 70, 37.569,
153.402

■ 71, 28.378,
154.491

■ 72, 18.961,

155.448

■ 74, 9.461, 156.301

Harmonies

Complementary

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



66, 79.608, 143.330



41, 70.017, 349.896

Rectangle

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



66, 79.608, 143.330



66, 79.608, 193.330



66, 79.608, 323.330



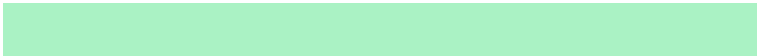
66, 79.608, 13.330

Sweetspot

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



66, 79.545, 143.284



90, 35.235, 154.440



69, 81.769, 122.210



48, 24.174, 153.993



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



66, 79.545, 143.284



84, 98.002, 142.902



68, 45.985, 176.220



38, 5.313, 156.356



56, 69.340, 143.597



8, 15.660, 152.962

Inverse Universe

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



41, 70.017, 349.896



53, 85.257, 350.398



39, 75.661, 32.964



36, 5.349, 337.639



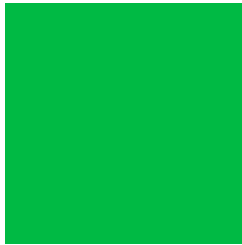
34, 61.622, 349.498



3, 13.358, 342.955

Previews

White Background



This preview shows how the CIELCh color 66, 79.608, 143.330 looks on a white background.

Color Contrast Check

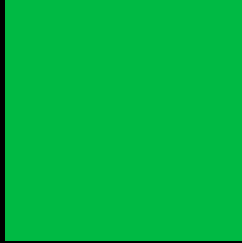
Large Text (above 18pt) WCAG AA × Fail

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 66, 79.608, 143.330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

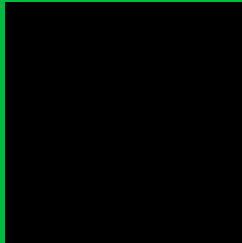
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 79.608, 143.330

Background



This preview shows how black text looks on a background with the CIELCh color 66, 79.608, 143.330.

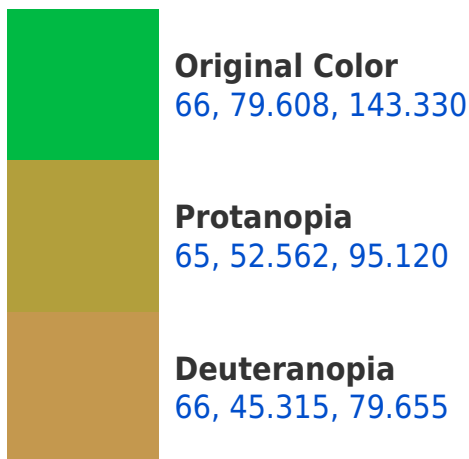


This preview shows how white text looks on a background with the CIELCh color 66, 79.608, 143.330.

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
66, 29.209, 212.812

Trichromacy



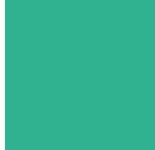
Original Color
66, 79.608, 143.330



Protanomaly
64, 59.899, 127.375



Deuteranomaly
63, 50.612, 124.169



Tritanomaly
65, 43.465, 170.127

Monochromacy



Original Color
66, 79.608, 143.330



Achromatopsia
49, 0.007, 296.813



Achromatomaly
54, 35.770, 152.706

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 79.608, 143.330 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(0, 186, 68)` looks like.

```
.text, #text, p{  
    color:rgb(0, 186, 68)  
}
```

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(0, 186, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 186, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 79.608, 143.330 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(0, 186, 68) }
```

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

```
.border{ border-color:rgb(0, 186, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 186, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 186, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 186, 68);  
box-shadow:4px 4px 4px 4px rgb(0, 186, 68)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 66, 79.608, 143.330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 186, 68) }
```

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

```
.background{ background-color: rgb(0, 186,  
68) }
```

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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