

Converting Colors

CIELCh(74, 84.465, 144.482)

Have a look what the booklet for
CIELCh(74, 84.465, 144.482)
contains.

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Color

CIELCh(74, 84.476, 144.520)

Conversions

Conversions Part 1

Format	Color
Hex	06D255
RGB	6, 210, 85
RGB Percent	2%, 82%, 33%
CMY	0.9760, 0.1771, 0.6672
CMYK	0.97, 0.00, 0.60, 0.18
HSL	143°, 94%, 42%
HSV	143°, 97%, 82%
XYZ	24.7158, 46.7039, 16.2749
YIQ	134.7540, -81.4590, -82.1230

Conversions

Conversions Part 2

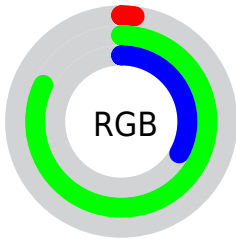
Format	Color
RYB	6, 153, 210
Decimal	447061
CIELab	74.00, -68.79, 49.03
CIELCh	74, 84.476, 144.520
Yxy	46.7039, 0.2818, 0.5326
Android (android.graphics.Color)	4278637141 (0xFF06D255)
YUV	134.7540, -24.5287, -112.9173
Hunter-Lab	68.3403, -55.0395, 33.7186

Details

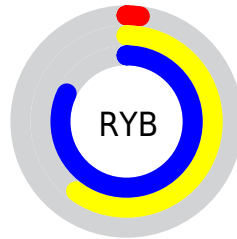
The CIELCh color **74, 84.476, 144.520** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **46, 75.652, 351.198**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 77.659, 145.435**, and **55, 76.812, 138.834** is the 20% darker color. If you saturate the color by 10%, you get **74, 85.963, 143.924**, and if you desaturate by 10%, it is **74, 78.974, 146.645**.

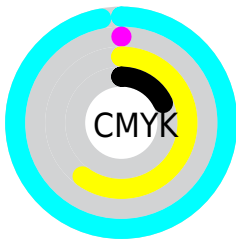
Distribution



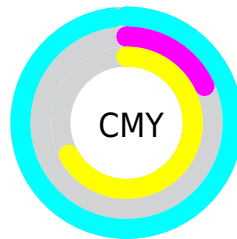
- Red (2%)
- Green (82%)
- Blue (33%)



- Red (2%)
- Yellow (60%)
- Blue (82%)



- Cyan (97%)
- Magenta (0%)
- Yellow (60%)
- Black (18%)





- Cyan (98%)
- Magenta (18%)
- Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 84.476, 144.520 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 74, 84.476, 144.520 by changing the saturation by 10% instead.


 74, 84.476,
144.520

 74, 84.476,
144.520


 100, 84.476,
144.520


 64, 84.476,
144.520


 94, 84.476,
144.520

 54, 84.476,
144.520

 44, 84.476,
144.520

 34, 84.476,
144.520

 24, 84.476,
144.520

 14, 84.476,
144.520

 4, 84.476, 144.520

■ 0, 84.476, 144.520

■ 74, 84.476,
144.520

■ 74, 84.476,
144.520

■ 74, 85.963,
143.924

■ 74, 78.974,
146.645

■ 75, 72.491,
148.634

■ 75, 65.027,
150.432

■ 76, 56.672,
152.028

■ 77, 47.573,
153.429

■ 78, 37.906,
154.654

■ 80, 27.856,
155.726

■ 81, 17.595,
156.671

■ 83, 7.271, 157.529

Harmonies

Complementary

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



74, 84.476, 144.520



46, 75.652, 351.198

Rectangle

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



74, 84.476, 144.520



74, 84.476, 194.520



74, 84.476, 324.520



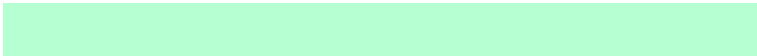
74, 84.476, 14.520

Sweetspot

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



74, 84.476, 144.520



94, 34.912, 155.498



77, 89.835, 123.475



50, 23.894, 155.039



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 84.476, 144.520



88, 100.160, 143.662



76, 48.125, 180.438



43, 5.818, 157.332



60, 72.362, 144.286



13, 24.583, 150.135

Inverse Universe

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



46, 75.652, 351.198



56, 87.624, 352.390



44, 83.368, 34.180



41, 5.863, 338.667



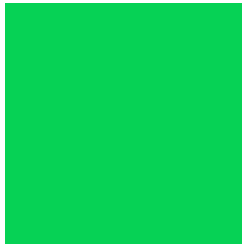
37, 64.500, 351.515



5, 23.244, 346.372

Previews

White Background



This preview shows how the CIE LCh color 74, 84.476, 144.520 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 74, 84.476, 144.520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

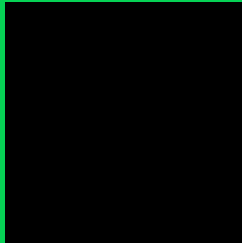
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 84.476, 144.520

Background



This preview shows how black text looks on a background with the CIELCh color 74, 84.476, 144.520.

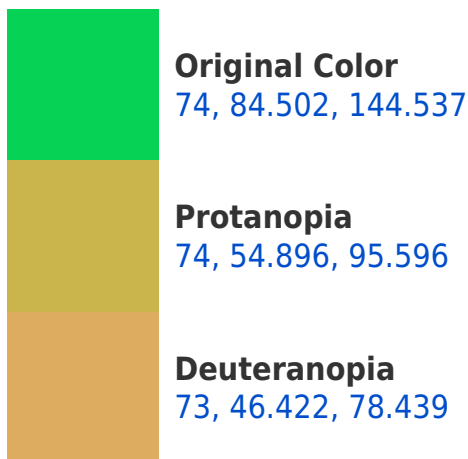


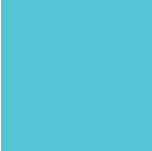
This preview shows how white text looks on a background with the CIELCh color 74, 84.476, 144.520.

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](#).

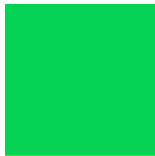
Dichromacy





Tritanopia
74, 32.542, 212.823

Trichromacy



Original Color
74, 84.502, 144.537



Protanomaly
71, 62.623, 128.020



Deuteranomaly
71, 52.272, 125.211



Tritanomaly
73, 47.125, 171.420

Monochromacy



Original Color
74, 84.502, 144.537



Achromatopsia
56, 0.007, 296.813



Achromatomaly
61, 37.341, 153.953

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 84.476, 144.520 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, 210, 85)` looks like.

```
.text, #text, p{  
    color:rgb(6, 210, 85)  
}
```

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, 210, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 210, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 84.476, 144.520 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, 210, 85) }
```

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

```
.border{ border-color:rgb(6, 210, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 210, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 210, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 210, 85);  
box-shadow:4px 4px 4px 4px rgb(6, 210, 85)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 74, 84.476, 144.520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 210, 85) }
```

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

```
.background{ background-color: rgb(6, 210,  
85) }
```

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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