

Converting Colors

CIELCh(75, 76.347, 134.742)

Have a look what the booklet for
CIELCh(75, 76.347, 134.742)
contains.

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Color

CIELCh(75, 76.023, 134.714)

Conversions

Conversions Part 1

Format	Color
Hex	69CF4D
RGB	105, 207, 77
RGB Percent	41%, 81%, 30%
CMY	0.5874, 0.1874, 0.6973
CMYK	0.49, 0.00, 0.63, 0.19
HSL	107°, 58%, 56%
HSV	107°, 63%, 81%
XYZ	29.5585, 48.2781, 14.8173
YIQ	161.6820, -19.0620, -62.0540

Conversions

Conversions Part 2

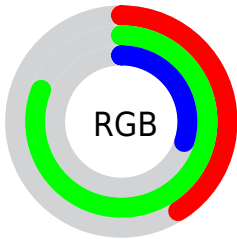
Format	Color
RYB	77, 207, 179
Decimal	6934349
CIELab	75.00, -53.49, 54.02
CIElCh	75, 76.023, 134.714
Yxy	48.2781, 0.3190, 0.5211
Android (android.graphics.Color)	4285124429 (0xFF69CF4D)
YUV	161.6820, -41.7482, -49.7101
Hunter-Lab	69.4824, -45.6588, 35.9940

Details

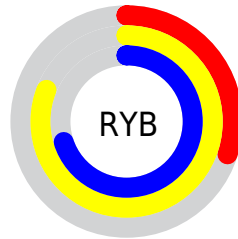
The CIELCh color **75, 76.023, 134.714** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **51, 77.748, 320.776**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 70.617, 134.416**, and **55, 76.160, 134.778** is the 20% darker color. If you saturate the color by 10%, you get **74, 85.441, 134.249**, and if you desaturate by 10%, it is **76, 65.222, 135.324**.

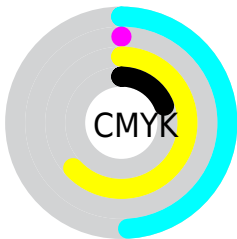
Distribution



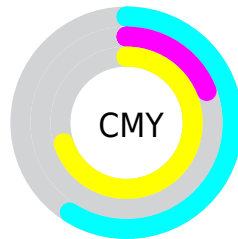
- Red (41%)
- Green (81%)
- Blue (30%)



- Red (30%)
- Yellow (81%)
- Blue (70%)



- Cyan (49%)
- Magenta (0%)
- Yellow (63%)
- Black (19%)





- Cyan (59%)
- Magenta (19%)
- Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 76.023, 134.714 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 75, 76.023, 134.714 by changing the saturation by 10% instead.


 75, 76.023,
134.714


 75, 76.023,
134.714


 100, 76.023,
134.714


 65, 76.023,
134.714


 95, 76.023,
134.714

 55, 76.023,
134.714

 45, 76.023,
134.714

 35, 76.023,
134.714

 25, 76.023,
134.714

 15, 76.023,
134.714

 5, 76.023, 134.714

■ 0, 76.023, 134.714

■ 75, 76.023,
134.714

■ 75, 76.023,
134.714

■ 74, 85.441,
134.249

■ 76, 65.222,
135.324

■ 74, 92.932,
134.054

■ 77, 53.505,
135.981

■ 73, 98.037,
134.242

■ 78, 41.233,
136.624

■ 73, 100.415,
134.538

■ 80, 28.674,
137.224

■ 81, 16.024,
137.767

■ 83, 3.426, 138.289

■ 85, 9.020, 318.616

■ 86, 21.242,
318.985

■ 88, 29.338,
323.406

Harmonies

Complementary

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



75, 76.023, 134.714



51, 77.748, 320.776

Rectangle

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



75, 76.023, 134.714



75, 76.023, 184.714



75, 76.023, 314.714



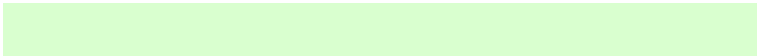
75, 76.023, 4.714

Sweetspot

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



75, 76.024, 134.715



96, 28.332, 137.421



74, 54.358, 91.687



51, 19.508, 137.259



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 76.024, 134.715



89, 102.952, 134.152



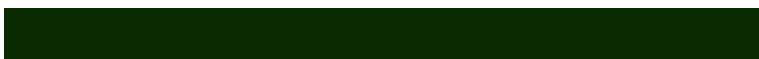
75, 66.221, 147.133



43, 7.175, 137.936



60, 85.857, 134.392



13, 28.601, 137.589

Inverse Universe

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



51, 77.748, 320.776



57, 104.927, 320.874



54, 65.676, 338.641



41, 7.217, 318.738



33, 86.453, 320.216



4, 29.171, 319.517

Previews

White Background



This preview shows how the CIELCh color 75, 76.023, 134.714 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 75, 76.023, 134.714 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 75, 76.023, 134.714

Background



This preview shows how black text looks on a background with the CIELCh color 75, 76.023, 134.714.

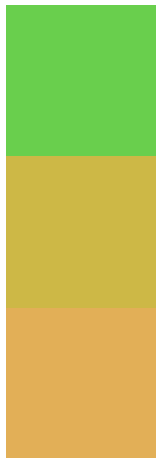


This preview shows how white text looks on a background with the CIELCh color 75, 76.023, 134.714.

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

75, 76.023, 134.714

Protanopia

75, 58.784, 95.452

Deuteranopia

75, 52.141, 79.898

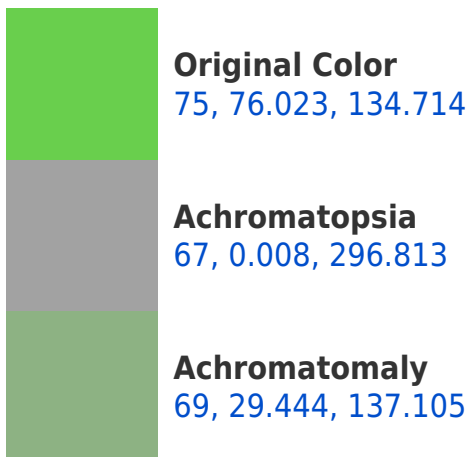


Tritanopia
75, 21.830, 221.547

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 76.023, 134.714 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(105, 207, 77)` looks like.

```
.text, #text, p{  
    color:rgb(105, 207, 77)  
}
```

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(105, 207, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 207, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 76.023, 134.714 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(105, 207, 77) }
```

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

```
.border{ border-color:rgb(105, 207, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 207, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 207, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 207, 77);  
box-shadow:4px 4px 4px 4px rgb(105, 207,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 76.023, 134.714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 207, 77) }
```

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

```
.background{ background-color: rgb(105,  
207, 77) }
```

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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