

Converting Colors

CIELCh(69, 84.874, 134.420)

Have a look what the booklet for
CIELCh(69, 84.874, 134.420)
contains.

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Color

CIELCh(69, 84.814, 134.410)

Conversions

Conversions Part 1

Format	Color
Hex	48C02A
RGB	72, 192, 42
RGB Percent	28%, 75%, 16%
CMY	0.7167, 0.2462, 0.8344
CMYK	0.62, 0.00, 0.78, 0.25
HSL	108°, 64%, 46%
HSV	108°, 78%, 75%
XYZ	22.0070, 39.3444, 8.6463
YIQ	139.0200, -23.3700, -72.0900

Conversions

Conversions Part 2

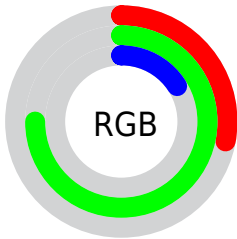
Format	Color
R_{YB}	42, 192, 162
Decimal	4767786
CIE _{Lab}	69.00, -59.35, 60.59
CIE _{LCh}	69, 84.814, 134.410
Yxy	39.3444, 0.3144, 0.5621
Android (android.graphics.Color)	4282957866 (0xFF48C02A)
YUV	139.0200, -47.8309, -58.7765
Hunter-Lab	62.7251, -47.1426, 35.7348

Details

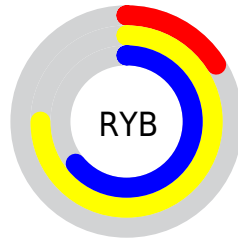
The CIELCh color **69, 84.814, 134.410** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **43, 86.017, 321.353**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **89, 84.681, 134.387**, and **49, 75.472, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **69, 90.783, 134.345**, and if you desaturate by 10%, it is **70, 76.784, 134.799**.

Distribution



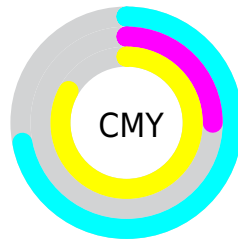
- Red (28%)
- Green (75%)
- Blue (16%)



- Red (16%)
- Yellow (75%)
- Blue (64%)



- Cyan (62%)
- Magenta (0%)
- Yellow (78%)
- Black (25%)





- Cyan (72%)
- Magenta (25%)
- Yellow (83%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 84.814, 134.410 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 69, 84.814, 134.410 by changing the saturation by 10% instead.

 69, 84.814,
134.410

 69, 84.814,
134.410


 100, 84.814,
134.410


 59, 84.814,
134.410


 89, 84.814,
134.410

 49, 84.814,
134.410

 99, 84.814,
134.410

 39, 84.814,
134.410

 29, 84.814,
134.410

 19, 84.814,
134.410

 9, 84.814, 134.410

 0, 84.814, 134.410

■ 69, 84.814,
134.410

■ 69, 84.814,
134.410

■ 69, 90.783,
134.345

■ 70, 76.784,
134.799

■ 68, 94.501,
134.634

■ 70, 67.191,
135.382

■ 68, 95.104,
134.677

■ 71, 56.518,
136.048

■ 72, 45.154,
136.722

■ 74, 33.396,
137.359

■ 75, 21.462,
137.941

■ 76, 9.513, 138.465

■ 78, 2.335, 318.806

■ 80, 14.000,
319.265

Harmonies

Complementary

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



69, 84.814, 134.410



43, 86.017, 321.353

Rectangle

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



69, 84.814, 134.410



69, 84.814, 184.410



69, 84.814, 314.410



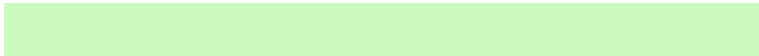
69, 84.814, 4.410

Sweetspot

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



69, 84.814, 134.411



94, 33.921, 137.638



67, 61.181, 89.696



49, 23.474, 137.421



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



69, 84.814, 134.411



87, 114.149, 134.557



69, 74.202, 144.647



40, 6.770, 138.397



58, 83.133, 134.550



10, 23.018, 140.172

Inverse Universe

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



43, 86.017, 321.353



52, 114.539, 320.880



46, 71.013, 340.347



38, 6.808, 319.201



32, 83.340, 320.775



3, 21.987, 317.466

Previews

White Background



This preview shows how the CIELCh color 69, 84.814, 134.410 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 69, 84.814, 134.410 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 69, 84.814, 134.410

Background



This preview shows how black text looks on a background with the CIELCh color 69, 84.814, 134.410.

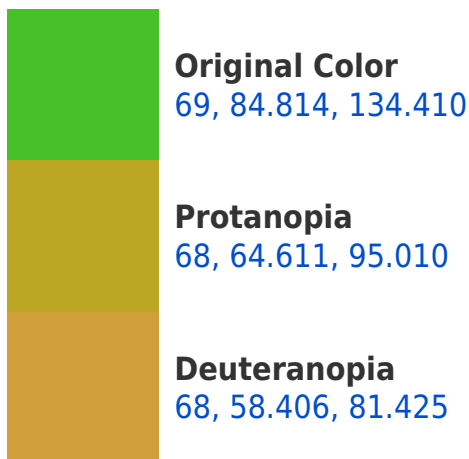


This preview shows how white text looks on a background with the CIELCh color 69, 84.814, 134.410.

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
69, 24.372, 217.662

Trichromacy



Original Color
69, 84.814, 134.410



Protanomaly
68, 67.906, 114.638



Deuteranomaly
67, 60.128, 109.093



Tritanomaly
68, 40.728, 159.006

Monochromacy



Original Color
69, 84.814, 134.410



Achromatopsia
58, 0.007, 296.813



Achromatomaly
61, 34.627, 136.905

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 84.814, 134.410 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(72, 192, 42)` looks like.

```
.text, #text, p{  
    color:rgb(72, 192, 42)  
}
```

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(72, 192, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 192, 42) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 84.814, 134.410 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(72, 192, 42) }
```

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

```
.border{ border-color:rgb(72, 192, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 192, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 192, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 192, 42);  
box-shadow:4px 4px 4px 4px rgb(72, 192,  
42) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 84.814, 134.410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 192, 42) }
```

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

```
.background{ background-color: rgb(72, 192,  
42) }
```

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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