

Converting Colors

CIELCh(69, 94.552, 134.323)

Have a look what the booklet for
CIELCh(69, 94.552, 134.323)
contains.

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Color

CIELCh(69, 94.436, 134.290)

Conversions

Conversions Part 1

Format	Color
Hex	30C207
RGB	48, 194, 7
RGB Percent	19%, 76%, 3%
CMY	0.8102, 0.2382, 0.9738
CMYK	0.75, 0.00, 0.97, 0.24
HSL	107°, 93%, 39%
HSV	107°, 97%, 76%
XYZ	20.6197, 39.3444, 6.6985
YIQ	129.0280, -26.9890, -89.1090

Conversions

Conversions Part 2

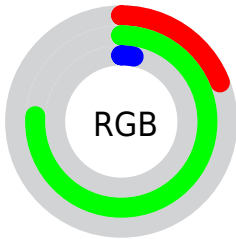
Format	Color
RYB	7, 194, 153
Decimal	3195399
CIELab	69.00, -65.94, 67.60
CIElCh	69, 94.436, 134.290
Yxy	39.3444, 0.3093, 0.5902
Android (android.graphics.Color)	4281385479 (0xFF30C207)
YUV	129.0280, -60.1598, -71.0616
Hunter-Lab	62.7251, -51.0904, 37.5759

Details

The CIELCh color **69, 94.436, 134.290** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **39, 95.356, 320.066**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **89, 94.594, 134.265**, and **50, 76.270, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **69, 95.519, 134.407**, and if you desaturate by 10%, it is **69, 90.367, 133.951**.

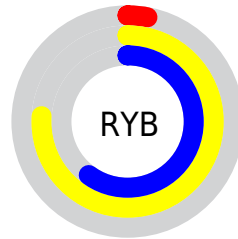
Distribution



Red (19%)

Green (76%)

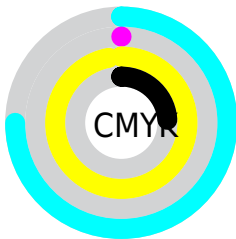
Blue (3%)



Red (3%)

Yellow (76%)

Blue (60%)

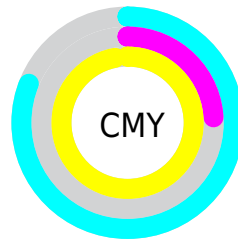


Cyan (75%)

Magenta (0%)

Yellow (97%)

Black (24%)



Cyan (81%)


Magenta (24%)


Yellow (97%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 94.436, 134.290 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, 94.436, 134.290 by changing the saturation by 10% instead.

 69, 94.436,
134.290


 69, 94.436,
134.290


 100, 94.436,
134.290


 59, 94.436,
134.290

 89, 94.436,
134.290

 49, 94.436,
134.290

 99, 94.436,
134.290

 39, 94.436,
134.290

 29, 94.436,
134.290

 19, 94.436,
134.290

 9, 94.436, 134.290

 0, 94.436, 134.290

■ 69, 94.436,
134.290

■ 69, 94.436,
134.290

■ 69, 95.519,
134.407

■ 69, 90.367,
133.951

■ 70, 84.001,
134.002

■ 70, 75.650,
134.369

■ 71, 65.822,
134.924

■ 72, 54.990,
135.558

■ 73, 43.526,
136.200

■ 75, 31.710,
136.809

■ 76, 19.747,

137.366

■ 77, 7.787, 137.874

Harmonies

Complementary

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



69, 94.436, 134.290



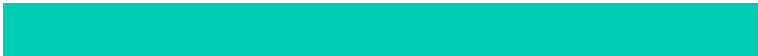
39, 95.356, 320.066

Rectangle

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



69, 94.436, 134.290



69, 94.436, 184.290



69, 94.436, 314.290



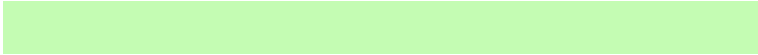
69, 94.436, 4.290

Sweetspot

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



69, 94.435, 134.291



94, 42.812, 136.638



65, 67.966, 85.447



50, 29.581, 136.372



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 94.435, 134.291



87, 116.571, 134.563



69, 86.858, 140.691



40, 6.725, 137.735



58, 82.824, 134.262



10, 22.884, 139.707

Inverse Universe

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



39, 95.356, 320.066



50, 117.350, 319.780



44, 76.632, 342.017



38, 6.766, 318.524



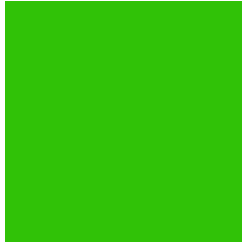
32, 83.617, 320.007



3, 21.795, 316.485

Previews

White Background



This preview shows how the CIELCh color 69, 94.436, 134.290 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, 94.436, 134.290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

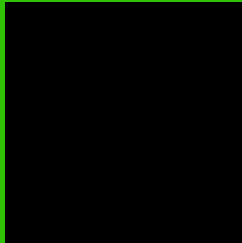
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 94.436, 134.290

Background



This preview shows how black text looks on a background with the CIELCh color 69, 94.436, 134.290.



This preview shows how white text looks on a background with the CIELCh color 69, 94.436, 134.290.

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](#).

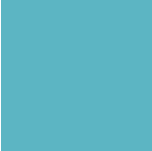
Dichromacy



Original Color
69, 94.343, 134.328

Protanopia
68, 71.287, 95.097

Deuteranopia
68, 63.862, 81.832



Tritanopia
69, 27.402, 213.913

Trichromacy



Original Color
69, 94.343, 134.328



Protanomaly
67, 75.864, 116.134



Deuteranomaly
66, 67.798, 110.840



Tritanomaly
68, 49.651, 155.287

Monochromacy



Original Color
69, 94.343, 134.328



Achromatopsia
54, 0.007, 296.813



Achromatomaly
58, 43.358, 135.795

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 94.436, 134.290 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(48, 194, 7)` looks like.

```
.text, #text, p{  
    color:rgb(48, 194, 7)  
}
```

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(48, 194, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 194, 7) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 94.436, 134.290 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(48, 194, 7) }
```

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

```
.border{ border-color:rgb(48, 194, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 194, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 194, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 194, 7);  
box-shadow:4px 4px 4px 4px rgb(48, 194, 7)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 69, 94.436, 134.290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 194, 7) }
```

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

```
.background{ background-color: rgb(48, 194,  
7) }
```

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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