

Converting Colors

CIELCh(69, 71.717, 134.100)

Have a look what the booklet for
CIELCh(69, 71.717, 134.100)
contains.

CIELCh(69, 71.863, 134.112)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(69, 71.863, 134.112)

Conversions

Conversions Part 1

Format	Color
Hex	60BD43
RGB	96, 189, 67
RGB Percent	38%, 74%, 26%
CMY	0.6231, 0.2584, 0.7368
CMYK	0.49, 0.00, 0.65, 0.26
HSL	106°, 48%, 50%
HSV	106°, 65%, 74%
XYZ	24.0749, 39.3444, 11.6528
YIQ	147.2850, -16.2660, -57.6580

Conversions

Conversions Part 2

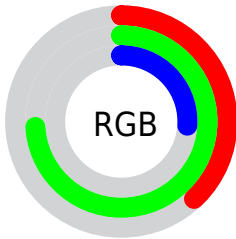
Format	Color
RYB	67, 189, 160
Decimal	6339907
CIELab	69.00, -50.02, 51.60
CIElCh	69, 71.863, 134.112
Yxy	39.3444, 0.3207, 0.5241
Android (android.graphics.Color)	4284529987 (0xFF60BD43)
YUV	147.2850, -39.5805, -44.9769
Hunter-Lab	62.7251, -41.2576, 32.8929

Details

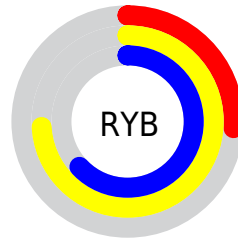
The CIELCh color **69, 71.863, 134.112** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **46, 73.849, 320.107**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 71.914, 134.163**, and **49, 72.110, 134.143** is the 20% darker color. If you saturate the color by 10%, you get **68, 80.383, 133.731**, and if you desaturate by 10%, it is **70, 62.026, 134.662**.

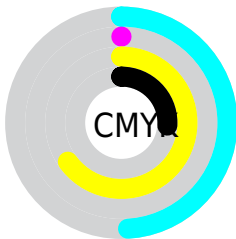
Distribution



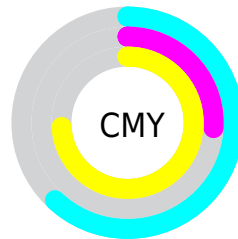
- Red (38%)
- Green (74%)
- Blue (26%)



- Red (26%)
- Yellow (74%)
- Blue (63%)



- Cyan (49%)
- Magenta (0%)
- Yellow (65%)
- Black (26%)





- Cyan (62%)
- Magenta (26%)
- Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 71.863, 134.112 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, 71.863, 134.112 by changing the saturation by 10% instead.

 69, 71.863,
134.112


 69, 71.863,
134.112


 100, 71.863,
134.112


 59, 71.863,
134.112


 89, 71.863,
134.112

 49, 71.863,
134.112

 99, 71.863,
134.112

 39, 71.863,
134.112

 29, 71.863,
134.112

 19, 71.863,
134.112

 9, 71.863, 134.112

 0, 71.863, 134.112

■ 69, 71.863,
134.112

■ 69, 71.863,
134.112

■ 68, 80.383,
133.731

■ 70, 62.026,
134.662

■ 68, 87.088,
133.642

■ 71, 51.308,
135.279

■ 67, 91.584,
133.951

■ 72, 40.047,
135.897

■ 67, 93.358,
134.179

■ 73, 28.496,
136.482

■ 74, 16.838,
137.017

■ 76, 5.205, 137.514

■ 78, 6.306, 317.861

■ 79, 17.629,
318.239

■ 81, 28.720,
318.552

Harmonies

Complementary

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



69, 71.863, 134.112



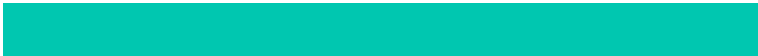
46, 73.849, 320.107

Rectangle

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



69, 71.863, 134.112



69, 71.863, 184.112



69, 71.863, 314.112



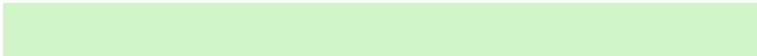
69, 71.863, 4.112

Sweetspot

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



69, 71.864, 134.113



93, 27.223, 136.767



66, 50.597, 89.068



49, 18.737, 136.612



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



69, 71.864, 134.113



86, 100.885, 133.657



68, 64.638, 145.756



39, 6.548, 137.274



57, 81.614, 134.031



9, 20.463, 139.672

Inverse Universe

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



46, 73.849, 320.107



54, 103.386, 320.158



49, 63.697, 337.174



37, 6.590, 318.052



31, 82.833, 319.498



3, 19.309, 315.133

Previews

White Background



This preview shows how the CIELCh color 69, 71.863, 134.112 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, 71.863, 134.112 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, 71.863, 134.112

Background



This preview shows how black text looks on a background with the CIELCh color 69, 71.863, 134.112.



This preview shows how white text looks on a background with the CIELCh color 69, 71.863, 134.112.

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, 71.863, 134.112

Protanopia
69, 55.854, 95.633

Deuteranopia
68, 49.967, 79.718



Tritanopia
69, 20.098, 220.724

Trichromacy



Original Color
69, 71.863, 134.112



Protanomaly
68, 58.399, 113.797



Deuteranomaly
68, 50.680, 106.419



Tritanomaly
68, 31.941, 159.910

Monochromacy



Original Color
69, 71.863, 134.112



Achromatopsia
61, 0.008, 296.813



Achromatomaly
63, 27.922, 136.654

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 71.863, 134.112 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(96, 189, 67)` looks like.

```
.text, #text, p{  
    color:rgb(96, 189, 67)  
}
```

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(96, 189, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 189, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 71.863, 134.112 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(96, 189, 67) }
```

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

```
.border{ border-color:rgb(96, 189, 67) }
```

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

Here you see how a box with a 4 pixel rgb(96, 189, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 189, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 189, 67);  
box-shadow:4px 4px 4px 4px rgb(96, 189,  
67) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 71.863, 134.112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 189, 67) }
```

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

```
.background{ background-color: rgb(96, 189,  
67) }
```

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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