

Converting Colors

CIELCh(69, 61.692, 150.212)

Have a look what the booklet for
CIELCh(69, 61.692, 150.212)
contains.

CIELCh(69, 61.793, 150.154)	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, 61.793, 150.154)

Conversions

Conversions Part 1

Format	Color
Hex	3BBF6E
RGB	59, 191, 110
RGB Percent	23%, 75%, 43%
CMY	0.7683, 0.2508, 0.5684
CMYK	0.69, 0.00, 0.42, 0.25
HSL	143°, 53%, 49%
HSV	143°, 69%, 75%
XYZ	23.2677, 39.3444, 21.1342
YIQ	142.2980, -52.6710, -53.1750

Conversions

Conversions Part 2

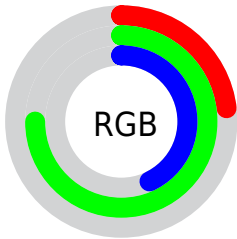
Format	Color
RYB	59, 154, 191
Decimal	3915630
CIELab	69.00, -53.60, 30.75
CIElCh	69, 61.793, 150.154
Yxy	39.3444, 0.2778, 0.4698
Android (android.graphics.Color)	4282105710 (0xFF3BBF6E)
YUV	142.2980, -15.9229, -73.0523
Hunter-Lab	62.7251, -43.5547, 23.9307

Details

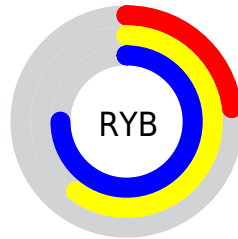
The CIELCh color **69, 61.793, 150.154** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **47, 61.943, 345.020**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 61.766, 150.052**, and **49, 57.973, 147.322** is the 20% darker color. If you saturate the color by 10%, you get **68, 68.574, 148.336**, and if you desaturate by 10%, it is **70, 54.175, 151.772**.

Distribution



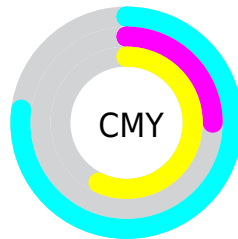
- Red (23%)
- Green (75%)
- Blue (43%)



- Red (23%)
- Yellow (60%)
- Blue (75%)



- Cyan (69%)
- Magenta (0%)
- Yellow (42%)
- Black (25%)





- Cyan (77%)
- Magenta (25%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 61.793, 150.154 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, 61.793, 150.154 by changing the saturation by 10% instead.


 69, 61.793,
150.154


 69, 61.793,
150.154


 100, 61.793,
150.154


 59, 61.793,
150.154


 89, 61.793,
150.154

 49, 61.793,
150.154

 99, 61.793,
150.154

 39, 61.793,
150.154

 29, 61.793,
150.154

 19, 61.793,
150.154

 9, 61.793, 150.154

 0, 61.793, 150.154

■ 69, 61.793,
150.154

■ 69, 61.793,
150.154

■ 68, 68.574,
148.336

■ 70, 54.175,
151.772

■ 68, 74.444,
146.334

■ 71, 45.847,
153.196

■ 68, 79.461,
144.242

■ 72, 36.967,
154.442

■ 68, 79.899,
144.062

■ 73, 27.704,
155.533

■ 74, 18.220,
156.493

■ 76, 8.654, 157.356

■ 78, 0.878, 337.658

■ 79, 10.288,
338.694

■ 81, 19.511,
339.312

Harmonies

Complementary

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



69, 61.793, 150.154



47, 61.943, 345.020

Rectangle

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



69, 61.793, 150.154



69, 61.793, 200.154



69, 61.793, 330.154



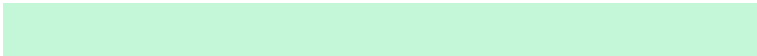
69, 61.793, 20.154

Sweetspot

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



69, 61.794, 150.154



93, 24.726, 156.287



72, 68.773, 121.920



50, 16.864, 156.024



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, 61.794, 150.154



86, 87.125, 147.309



70, 38.861, 183.802



39, 5.346, 157.334



57, 68.936, 144.397



9, 17.845, 153.047

Inverse Universe

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



47, 61.943, 345.020



56, 83.399, 347.835



45, 57.558, 21.840



37, 5.387, 338.649



34, 61.659, 351.340



3, 15.014, 344.858

Previews

White Background



This preview shows how the CIELCh color 69, 61.793, 150.154 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 CIE LCh color 69, 61.793, 150.154 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, 61.793, 150.154

Background



This preview shows how black text looks on a background with the CIELCh color 69, 61.793, 150.154.



This preview shows how white text looks on a background with the CIELCh color 69, 61.793, 150.154.

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, 61.793, 150.154

Protanopia
68, 36.301, 95.454

Deuteranopia
68, 29.178, 72.751



Tritanopia
69, 28.065, 214.670

Trichromacy



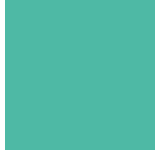
Original Color
69, 61.793, 150.154



Protanomaly
68, 41.649, 128.156



Deuteranomaly
67, 32.304, 123.970



Tritanomaly
69, 35.600, 178.500

Monochromacy



Original Color
69, 61.793, 150.154



Achromatopsia
59, 0.008, 296.813



Achromatomaly
62, 24.944, 154.988

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 61.793, 150.154 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(59, 191, 110)` looks like.

```
.text, #text, p{  
    color:rgb(59, 191, 110)  
}
```

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(59, 191, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 191, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 61.793, 150.154 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(59, 191, 110) }
```

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

```
.border{ border-color:rgb(59, 191, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 191, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 191, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 191, 110);  
box-shadow:4px 4px 4px 4px rgb(59, 191,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 61.793, 150.154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 191, 110) }
```

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

```
.background{ background-color: rgb(59, 191,  
110) }
```

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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