

Converting Colors

CIELCh(69, 61.841, 154.042)

Have a look what the booklet for
CIELCh(69, 61.841, 154.042)
contains.

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Color

CIELCh(69, 61.853, 154.004)

Conversions

Conversions Part 1

Format	Color
Hex	26C075
RGB	38, 192, 117
RGB Percent	15%, 75%, 46%
CMY	0.8517, 0.2475, 0.5415
CMYK	0.80, 0.00, 0.39, 0.25
HSL	151°, 67%, 45%
HSV	151°, 80%, 75%
XYZ	22.8247, 39.3444, 23.1916
YIQ	137.4040, -67.7090, -55.9730

Conversions

Conversions Part 2

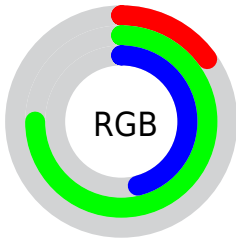
Format	Color
RYB	38, 140, 192
Decimal	2539637
CIELab	69.00, -55.60, 27.11
CIELCh	69, 61.853, 154.004
Yxy	39.3444, 0.2674, 0.4609
Android (android.graphics.Color)	4280729717 (0xFF26C075)
YUV	137.4040, -10.0592, -87.1773
Hunter-Lab	62.7251, -44.8154, 21.9860

Details

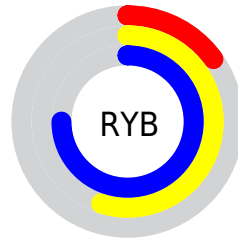
The CIELCh color **69, 61.853, 154.004** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **44, 63.963, 356.227**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **89, 61.914, 153.963**, and **50, 55.620, 149.572** is the 20% darker color. If you saturate the color by 10%, you get **69, 66.821, 151.902**, and if you desaturate by 10%, it is **69, 56.079, 155.898**.

Distribution



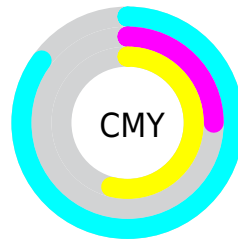
- Red (15%)
- Green (75%)
- Blue (46%)



- Red (15%)
- Yellow (55%)
- Blue (75%)



- Cyan (80%)
- Magenta (0%)
- Yellow (39%)
- Black (25%)





- Cyan (85%)
- Magenta (25%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 61.853, 154.004 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, 61.853, 154.004 by changing the saturation by 10% instead.

 69, 61.853,
154.004


 69, 61.853,
154.004


 100, 61.853,
154.004


 59, 61.853,
154.004


 89, 61.853,
154.004

 49, 61.853,
154.004

 99, 61.853,
154.004

 39, 61.853,
154.004

 29, 61.853,
154.004

 19, 61.853,
154.004

 9, 61.853, 154.004

 0, 61.853, 154.004

■ 69, 61.853,
154.004

■ 69, 61.853,
154.004

■ 69, 66.821,
151.902

■ 69, 56.079,
155.898

■ 68, 71.013,
149.755

■ 70, 49.521,
157.583

■ 71, 42.266,
159.072

■ 72, 34.440,
160.388

■ 73, 26.187,
161.555

■ 74, 17.653,
162.598

■ 76, 8.969, 163.550

■ 78, 0.247, 165.958

Harmonies

Complementary

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



69, 61.853, 154.004



44, 63.963, 356.227

Rectangle

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



69, 61.853, 154.004



69, 61.853, 204.004



69, 61.853, 334.004



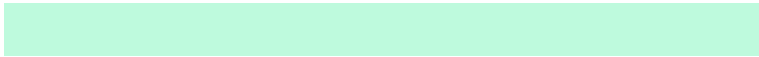
69, 61.853, 24.004

Sweetspot

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



69, 61.853, 154.004



94, 25.821, 162.184



70, 79.412, 126.490



49, 17.693, 161.806



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, 61.853, 154.004



87, 85.309, 150.267



71, 38.550, 196.522



40, 4.980, 163.635



58, 61.835, 150.087



10, 18.303, 157.045

Inverse Universe

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



44, 63.963, 356.227



54, 82.776, 2.436



42, 71.141, 33.882



38, 5.046, 345.112



34, 59.921, 2.753



3, 15.717, 353.129

Previews

White Background



This preview shows how the CIE LCh color 69, 61.853, 154.004 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, 61.853, 154.004 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, 61.853, 154.004

Background



This preview shows how black text looks on a background with the CIELCh color 69, 61.853, 154.004.

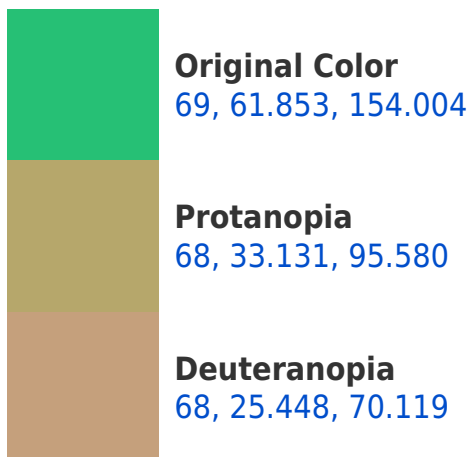


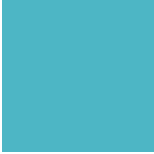
This preview shows how white text looks on a background with the CIELCh color 69, 61.853, 154.004.

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, 30.526, 213.064

Trichromacy



Original Color
69, 61.853, 154.004



Protanomaly
67, 39.708, 134.173



Deuteranomaly
67, 30.809, 132.686



Tritanomaly
69, 37.954, 181.208

Monochromacy



Original Color
69, 61.853, 154.004



Achromatopsia
57, 0.007, 296.813



Achromatomaly
60, 25.961, 161.249

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 61.853, 154.004 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(38, 192, 117)` looks like.

```
.text, #text, p{  
    color:rgb(38, 192, 117)  
}
```

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(38, 192, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 192, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 61.853, 154.004 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(38, 192, 117) }
```

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

```
.border{ border-color:rgb(38, 192, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 192, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 192, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 192, 117);  
box-shadow:4px 4px 4px 4px rgb(38, 192,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 61.853, 154.004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 192, 117) }
```

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

```
.background{ background-color: rgb(38, 192,  
117) }
```

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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