

Converting Colors

CIELCh(63, 67.391, 144.338)

Have a look what the booklet for
CIELCh(63, 67.391, 144.338)
contains.

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Color

CIELCh(63, 67.239, 144.384)

Conversions

Conversions Part 1

Format	Color
Hex	2FAE4E
RGB	47, 174, 78
RGB Percent	18%, 68%, 31%
CMY	0.8173, 0.3160, 0.6926
CMYK	0.73, 0.00, 0.55, 0.32
HSL	135°, 58%, 43%
HSV	135°, 73%, 68%
XYZ	17.7611, 31.5869, 12.4411
YIQ	125.0830, -44.8760, -56.7800

Conversions

Conversions Part 2

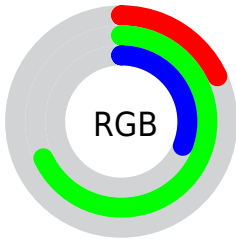
Format	Color
RYB	47, 149, 174
Decimal	3124814
CIELab	63.00, -54.66, 39.16
CIELCh	63, 67.239, 144.384
Yxy	31.5869, 0.2874, 0.5112
Android (android.graphics.Color)	4281314894 (0xFF2FAE4E)
YUV	125.0830, -23.2119, -68.4788
Hunter-Lab	56.2022, -41.9440, 26.2169

Details

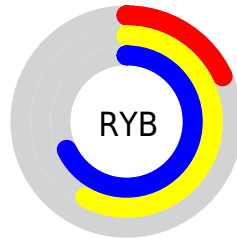
The CIELCh color **63, 67.239, 144.384** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **43, 65.085, 337.921**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **83, 67.533, 144.201**, and **44, 62.309, 140.041** is the 20% darker color. If you saturate the color by 10%, you get **63, 73.820, 142.679**, and if you desaturate by 10%, it is **64, 59.654, 145.952**.

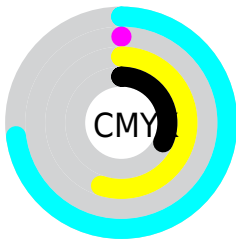
Distribution



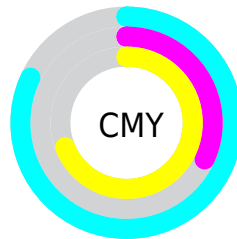
- Red (18%)
- Green (68%)
- Blue (31%)



- Red (18%)
- Yellow (58%)
- Blue (68%)



- Cyan (73%)
- Magenta (0%)
- Yellow (55%)
- Black (32%)



- Cyan (82%)
- Magenta (32%)
- Yellow (69%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 67.239, 144.384 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 63, 67.239, 144.384 by changing the saturation by 10% instead.

 63, 67.239,
144.384


 63, 67.239,
144.384


 100, 67.239,
144.384


 53, 67.239,
144.384


 83, 67.239,
144.384

 43, 67.239,
144.384

 93, 67.239,
144.384

 33, 67.239,
144.384

 23, 67.239,
144.384

 13, 67.239,
144.384

 3, 67.239, 144.384

 0, 67.239, 144.384

■ 63, 67.239,
144.384

■ 63, 67.239,
144.384

■ 63, 73.820,
142.679

■ 64, 59.654,
145.952

■ 62, 79.263,
140.898

■ 64, 51.234,
147.354

■ 62, 82.330,
139.785

■ 65, 42.174,
148.587

■ 66, 32.669,
149.660

■ 68, 22.905,
150.591

■ 69, 13.038,
151.404

■ 71, 3.200, 152.171

■ 72, 6.512, 332.645

■ 74, 16.025,
333.206

Harmonies

Complementary

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



63, 67.239, 144.384



43, 65.085, 337.921

Rectangle

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



63, 67.239, 144.384



63, 67.239, 194.384



63, 67.239, 324.384



63, 67.239, 14.384

Sweetspot

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



63, 67.239, 144.384



86, 26.807, 150.669



67, 64.616, 115.393



46, 18.157, 150.438



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



63, 67.239, 144.384



79, 94.181, 141.567



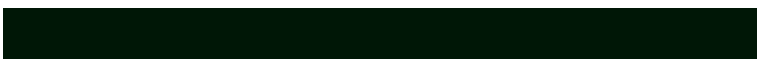
64, 43.092, 169.695



36, 5.519, 151.704



54, 73.438, 140.017



6, 12.023, 150.631

Inverse Universe

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



43, 65.085, 337.921



52, 86.218, 339.770



41, 54.482, 11.438



34, 5.540, 332.853



33, 64.630, 341.007



2, 10.956, 335.574

Previews

White Background



This preview shows how the CIE LCh color 63, 67.239, 144.384 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 63, 67.239, 144.384 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 63, 67.239, 144.384

Background



This preview shows how black text looks on a background with the CIELCh color 63, 67.239, 144.384.



This preview shows how white text looks on a background with the CIELCh color 63, 67.239, 144.384.

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
63, 67.125, 144.285

Protanopia
62, 43.892, 95.223

Deuteranopia
62, 37.233, 77.555



Tritanopia
63, 26.061, 213.779

Trichromacy



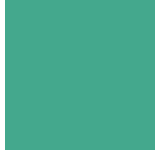
Original Color
63, 67.125, 144.285



Protanomaly
62, 48.500, 123.651



Deuteranomaly
61, 40.141, 118.864



Tritanomaly
63, 36.157, 171.562

Monochromacy



Original Color
63, 67.125, 144.285



Achromatopsia
52, 0.007, 296.813



Achromatomaly
55, 27.305, 149.993

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 67.239, 144.384 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(47, 174, 78)` looks like.

```
.text, #text, p{  
    color:rgb(47, 174, 78)  
}
```

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(47, 174, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 174, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 67.239, 144.384 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(47, 174, 78) }
```

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

```
.border{ border-color:rgb(47, 174, 78) }
```

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

Here you see how a box with a 4 pixel rgb(47, 174, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 174, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 174, 78);  
box-shadow:4px 4px 4px 4px rgb(47, 174,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 67.239, 144.384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 174, 78) }
```

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

```
.background{ background-color: rgb(47, 174,  
78) }
```

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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