

Converting Colors

CIELCh(67, 54.179, 127.068)

Have a look what the booklet for
CIELCh(67, 54.179, 127.068)
contains.

CIELCh(67, 54.367, 126.995)	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(67, 54.367, 126.995)

Conversions

Conversions Part 1

Format	Color
Hex	80B151
RGB	128, 177, 81
RGB Percent	50%, 69%, 32%
CMY	0.4980, 0.3058, 0.6823
CMYK	0.28, 0.00, 0.54, 0.31
HSL	91°, 38%, 51%
HSV	91°, 54%, 69%
XYZ	26.1128, 36.6320, 13.4806
YIQ	151.4050, 1.6120, -40.2440

Conversions

Conversions Part 2

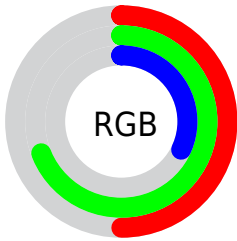
Format	Color
RYB	81, 177, 130
Decimal	8434001
CIELab	67.00, -32.72, 43.42
CIElCh	67, 54.367, 126.995
Yxy	36.6320, 0.3426, 0.4806
Android (android.graphics.Color)	4286624081 (0xFF80B151)
YUV	151.4050, -34.7097, -20.5262
Hunter-Lab	60.5244, -28.9051, 29.1614

Details

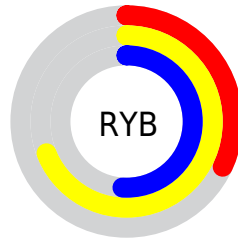
The CIELCh color $67, 54.367, 126.995$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $44, 58.762, 312.105$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 54.350, 127.049$, and $47, 54.362, 127.049$ is the 20% darker color. If you saturate the color by 10%, you get $66, 63.124, 126.727$, and if you desaturate by 10%, it is $68, 44.904, 127.397$.

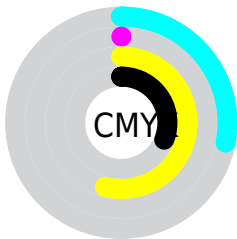
Distribution



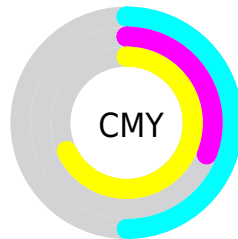
- Red (50%)
- Green (69%)
- Blue (32%)



- Red (32%)
- Yellow (69%)
- Blue (51%)



- Cyan (28%)
- Magenta (0%)
- Yellow (54%)
- Black (31%)





- Cyan (50%)
- Magenta (31%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 54.367, 126.995 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 67, 54.367, 126.995 by changing the saturation by 10% instead.

 67, 54.367,
126.995


 67, 54.367,
126.995


 100, 54.367,
126.995


 57, 54.367,
126.995

 87, 54.367,
126.995

 47, 54.367,
126.995

 97, 54.367,
126.995

 37, 54.367,
126.995

 27, 54.367,
126.995

 17, 54.367,
126.995

 7, 54.367, 126.995

 0, 54.367, 126.995

67, 54.367,
126.995

67, 54.367,
126.995

66, 63.124,
126.727

68, 44.904,
127.397

66, 70.802,
126.689

69, 35.004,
127.860

65, 76.970,
127.006

70, 24.861,
128.341

65, 81.276,
127.784

71, 14.605,
128.815

65, 83.193,
128.335

72, 4.331, 129.279

73, 5.896, 309.648

74, 16.030,
310.039

75, 26.037,
310.383

■ 77, 35.894,
310.692

Harmonies

Complementary

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



67, 54.367, 126.995



44, 58.762, 312.105

Rectangle

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



67, 54.367, 126.995



67, 54.367, 176.995



67, 54.367, 306.995



67, 54.367, 356.995

Sweetspot

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



67, 54.368, 126.996



89, 20.280, 128.720



58, 35.542, 68.692



47, 13.678, 128.625



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



67, 54.368, 126.996



84, 78.517, 126.699



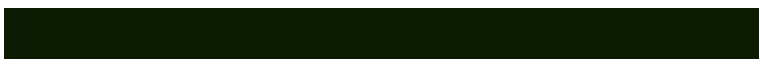
65, 62.580, 139.954



37, 5.845, 129.042



56, 74.578, 128.146



7, 14.531, 133.036

Inverse Universe

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



44, 58.762, 312.105



50, 86.428, 312.592



50, 62.138, 327.192



35, 5.922, 309.829



23, 84.901, 312.303



1, 13.864, 305.577

Previews

White Background



This preview shows how the CIELCh color 67, 54.367, 126.995 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 67, 54.367, 126.995 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 67, 54.367, 126.995

Background



This preview shows how black text looks on a background with the CIELCh color 67, 54.367, 126.995.



This preview shows how white text looks on a background with the CIELCh color 67, 54.367, 126.995.

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](#).

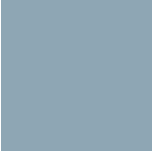
Dichromacy



Original Color
67, 54.367, 126.995

Protanopia
67, 46.880, 95.938

Deuteranopia
67, 42.382, 78.459



Tritanopia
67, 11.270, 242.476

Trichromacy



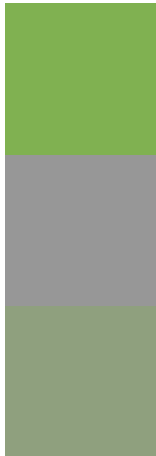
Original Color
67, 54.367, 126.995

Protanomaly
67, 47.561, 108.900

Deuteranomaly
66, 42.048, 99.700

Tritanomaly
67, 19.204, 149.621

Monochromacy



Original Color
67, 54.367, 126.995

Achromatopsia
62, 0.008, 296.813

Achromatomaly
64, 20.031, 128.121

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 54.367, 126.995 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(128, 177, 81)` looks like.

```
.text, #text, p{  
    color:rgb(128, 177, 81)  
}
```

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(128, 177, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 177, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 54.367, 126.995 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(128, 177, 81) }
```

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

```
.border{ border-color:rgb(128, 177, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 177, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 177, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 177, 81);  
box-shadow:4px 4px 4px 4px rgb(128, 177,  
81) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 54.367, 126.995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 177, 81) }
```

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

```
.background{ background-color: rgb(128,  
177, 81) }
```

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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