

Converting Colors

CIELCh(67, 54.805, 137.487)

Have a look what the booklet for
CIELCh(67, 54.805, 137.487)
contains.

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Color

CIELCh(67, 54.741, 137.308)

Conversions

Conversions Part 1

Format	Color
Hex	6AB45D
RGB	106, 180, 93
RGB Percent	42%, 71%, 36%
CMY	0.5832, 0.2930, 0.6343
CMYK	0.41, 0.00, 0.48, 0.29
HSL	111°, 37%, 54%
HSV	111°, 48%, 71%
XYZ	24.3420, 36.6320, 16.2037
YIQ	147.9560, -16.1770, -42.7450

Conversions

Conversions Part 2

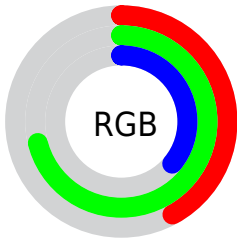
Format	Color
RYB	93, 180, 167
Decimal	6992989
CIELab	67.00, -40.24, 37.12
CIELCh	67, 54.741, 137.308
Yxy	36.6320, 0.3154, 0.4746
Android (android.graphics.Color)	4285183069 (0xFF6AB45D)
YUV	147.9560, -27.0933, -36.7954
Hunter-Lab	60.5244, -34.1276, 26.4938

Details

The CIELCh color **67, 54.741, 137.308** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **51, 55.400, 322.405**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 54.469, 137.302**, and **47, 54.420, 137.474** is the 20% darker color. If you saturate the color by 10%, you get **66, 64.970, 136.550**, and if you desaturate by 10%, it is **68, 43.817, 138.054**.

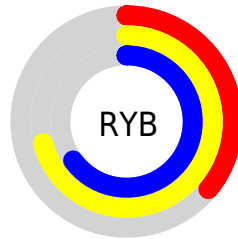
Distribution



Red (42%)

Green (71%)

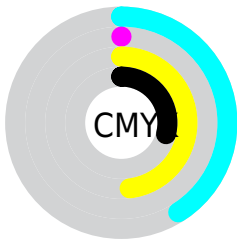
Blue (36%)



Red (36%)

Yellow (71%)

Blue (65%)

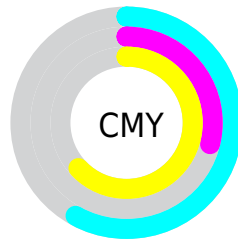


Cyan (41%)

Magenta (0%)

Yellow (48%)

Black (29%)



Cyan (58%)

Magenta (29%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 54.741, 137.308 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, 54.741, 137.308 by changing the saturation by 10% instead.

 67, 54.741,
137.308

 67, 54.741,
137.308

 100, 54.741,
137.308

 57, 54.741,
137.308

 87, 54.741,
137.308

 47, 54.741,
137.308

 97, 54.741,
137.308

 37, 54.741,
137.308

 27, 54.741,
137.308

 17, 54.741,
137.308

 7, 54.741, 137.308

 0, 54.741, 137.308

■ 67, 54.741,
137.308

■ 67, 54.741,
137.308

■ 66, 64.970,
136.550

■ 68, 43.817,
138.054

■ 65, 74.119,
135.851

■ 69, 32.488,
138.746

■ 65, 81.727,
135.320

■ 71, 20.978,
139.369

■ 64, 87.323,
135.086

■ 72, 9.451, 139.925

■ 64, 90.768,
135.168

■ 74, 1.973, 320.270

■ 64, 91.264,
135.163

■ 75, 13.210,
320.762

■ 77, 24.203,
321.115

■ 79, 34.918,
321.412

■ 81, 45.104,
321.834

Harmonies

Complementary

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



67, 54.741, 137.308



51, 55.400, 322.405

Rectangle

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



67, 54.741, 137.308



67, 54.741, 187.308



67, 54.741, 317.308



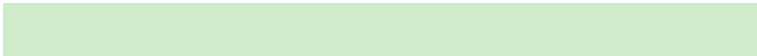
67, 54.741, 7.308

Sweetspot

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



67, 54.742, 137.309



90, 19.883, 139.600



68, 40.089, 97.859



47, 13.727, 139.479



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



67, 54.742, 137.309



84, 79.979, 136.497



67, 44.360, 151.810



37, 6.424, 139.869



55, 80.751, 135.062



7, 15.676, 141.277

Inverse Universe

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



51, 55.400, 322.405



61, 80.833, 322.737



52, 45.097, 340.378



35, 6.452, 320.702



32, 79.867, 322.591



2, 15.212, 318.324

Previews

White Background



This preview shows how the CIELCh color 67, 54.741, 137.308 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 67, 54.741, 137.308 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, 54.741, 137.308

Background



This preview shows how black text looks on a background with the CIELCh color 67, 54.741, 137.308.

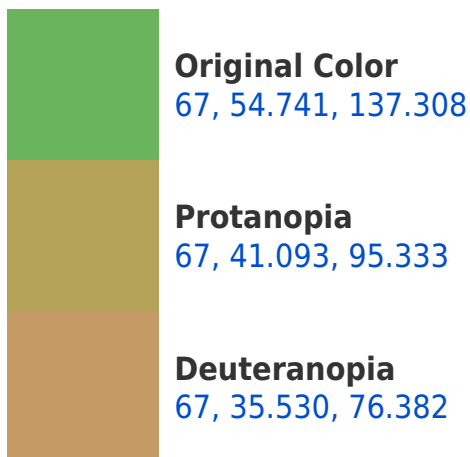


This preview shows how white text looks on a background with the CIELCh color 67, 54.741, 137.308.

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
67, 17.253, 225.106

Trichromacy



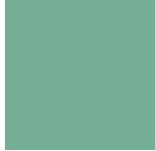
Original Color
67, 54.741, 137.308



Protanomaly
66, 43.183, 114.865



Deuteranomaly
66, 35.666, 107.072



Tritanomaly
67, 24.439, 166.012

Monochromacy



Original Color
67, 54.741, 137.308



Achromatopsia
61, 0.008, 296.813



Achromatomaly
63, 20.799, 139.091

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 54.741, 137.308 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(106, 180, 93)` looks like.

```
.text, #text, p{  
    color:rgb(106, 180, 93)  
}
```

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(106, 180, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 180, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 54.741, 137.308 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(106, 180, 93) }
```

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

```
.border{ border-color:rgb(106, 180, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 180, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 180, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 180, 93);  
box-shadow:4px 4px 4px 4px rgb(106, 180,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 54.741, 137.308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 180, 93) }
```

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

```
.background{ background-color: rgb(106,  
180, 93) }
```

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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