

Converting Colors

CIELCh(67, 30.858, 146.750)

Have a look what the booklet for
CIELCh(67, 30.858, 146.750)
contains.

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Color

CIELCh(67, 30.736, 146.954)

Conversions

Conversions Part 1

Format	Color
Hex	7CAF84
RGB	124, 175, 132
RGB Percent	49%, 69%, 52%
CMY	0.5136, 0.3135, 0.4822
CMYK	0.29, 0.00, 0.25, 0.31
HSL	129°, 24%, 59%
HSV	129°, 29%, 69%
XYZ	27.8241, 36.6320, 27.4486
YIQ	154.8490, -16.5930, -24.1850

Conversions

Conversions Part 2

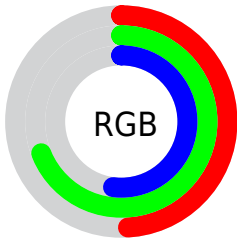
Format	Color
RYB	124, 168, 175
Decimal	8171396
CIELab	67.00, -25.76, 16.76
CIELCh	67, 30.736, 146.954
Yxy	36.6320, 0.3027, 0.3986
Android (android.graphics.Color)	4286361476 (0xFF7CAF84)
YUV	154.8490, -11.2646, -27.0546
Hunter-Lab	60.5244, -23.8579, 15.4782

Details

The CIELCh color $67, 30.736, 146.954$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $58, 30.819, 330.827$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 30.884, 146.674$, and $47, 30.786, 146.863$ is the 20% darker color. If you saturate the color by 10%, you get $66, 41.087, 145.983$, and if you desaturate by 10%, it is $68, 20.184, 147.794$.

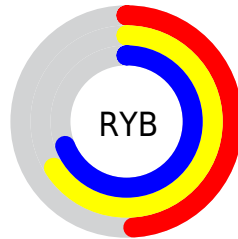
Distribution



Red (49%)

Green (69%)

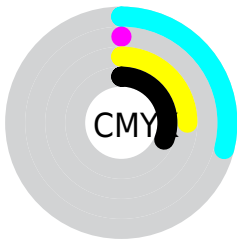
Blue (52%)



Red (49%)

Yellow (66%)

Blue (69%)

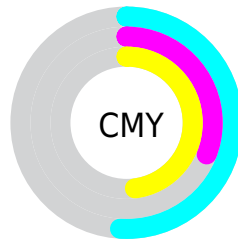


Cyan (29%)

Magenta (0%)

Yellow (25%)

Black (31%)



Cyan (51%)


Magenta (31%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 30.736, 146.954 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, 30.736, 146.954 by changing the saturation by 10% instead.


 67, 30.736,
146.954


 67, 30.736,
146.954


 100, 30.736,
146.954


 57, 30.736,
146.954


 87, 30.736,
146.954

 47, 30.736,
146.954

 97, 30.736,
146.954

 37, 30.736,
146.954

 27, 30.736,
146.954

 17, 30.736,
146.954

 7, 30.736, 146.954

 0, 30.736, 146.954

67, 30.736,
146.954

67, 30.736,
146.954

66, 41.087,
145.983

68, 20.184,
147.794

65, 51.030,
144.867

70, 9.593, 148.527

64, 60.334,
143.603

72, 0.907, 328.820

63, 68.745,
142.204

73, 11.221,
329.625

63, 76.005,
140.716

75, 21.287,
330.098

63, 81.873,
139.218

78, 31.062,
330.505


62, 86.219,
137.884

80, 40.527,
330.859

62, 86.534,

81, 48.005,
327.909

137.794

 81, 50.017,
326.152

Harmonies

Complementary

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



67, 30.736, 146.954



58, 30.819, 330.827

Rectangle

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



67, 30.736, 146.954



67, 30.736, 196.954



67, 30.736, 326.954



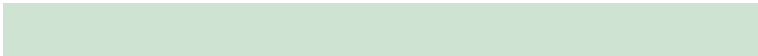
67, 30.736, 16.954

Sweetspot

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



67, 30.737, 146.954



88, 11.670, 148.525



70, 27.694, 113.909



47, 8.182, 148.425



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, 30.737, 146.954



84, 45.488, 146.342



68, 21.079, 169.769



36, 5.898, 148.515



54, 77.071, 137.974



6, 12.681, 148.139

Inverse Universe

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



58, 30.819, 330.827



71, 45.571, 331.236



58, 22.607, 355.650



34, 5.914, 329.589



34, 69.102, 335.505



2, 11.895, 331.160

Previews

White Background



This preview shows how the CIELCh color 67, 30.736, 146.954 looks on a white background.

Color Contrast Check

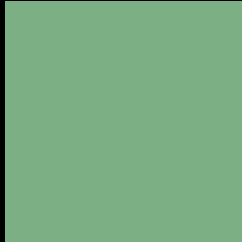
Large Text (above 18pt) WCAG AA × Fail

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, 30.736, 146.954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

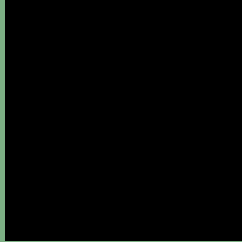
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 30.736, 146.954

Background



This preview shows how black text looks on a background with the CIELCh color 67, 30.736, 146.954.



This preview shows how white text looks on a background with the CIELCh color 67, 30.736, 146.954.

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, 30.736, 146.954

Protanopia
67, 20.282, 95.070

Deuteranopia
67, 16.998, 60.279



Tritanopia
67, 14.071, 232.144

Trichromacy



Original Color
67, 30.736, 146.954

Protanomaly
67, 21.883, 120.778

Deuteranomaly
66, 15.384, 107.044

Tritanomaly
67, 15.326, 183.438

Monochromacy



Original Color
67, 30.736, 146.954

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 10.887, 148.714

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 30.736, 146.954 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(124, 175, 132)` looks like.

```
.text, #text, p{  
    color:rgb(124, 175, 132)  
}
```

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(124, 175, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 175, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 30.736, 146.954 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(124, 175, 132) }
```

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

```
.border{ border-color:rgb(124, 175, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 175, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 175, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 175, 132);  
box-shadow:4px 4px 4px 4px rgb(124, 175,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 30.736, 146.954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 175, 132) }
```

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

```
.background{ background-color: rgb(124,  
175, 132) }
```

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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