

Converting Colors

CIELCh(67, 31.225, 142.679)

Have a look what the booklet for
CIELCh(67, 31.225, 142.679)
contains.

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Color

CIELCh(67, 31.614, 142.645)

Conversions

Conversions Part 1

Format	Color
Hex	80AF80
RGB	128, 175, 128
RGB Percent	50%, 69%, 50%
CMY	0.4994, 0.3151, 0.4994
CMYK	0.27, 0.00, 0.27, 0.32
HSL	120°, 23%, 59%
HSV	120°, 27%, 68%
XYZ	27.9839, 36.6320, 25.9007
YIQ	155.5890, -12.9250, -24.5810

Conversions

Conversions Part 2

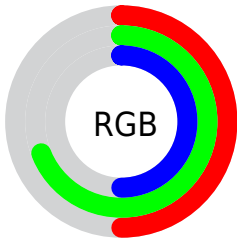
Format	Color
RYB	128, 175, 175
Decimal	8433536
CIELab	67.00, -25.13, 19.18
CIELCh	67, 31.614, 142.645
Yxy	36.6320, 0.3092, 0.4047
Android (android.graphics.Color)	4286623616 (0xFF80AF80)
YUV	155.5890, -13.6014, -24.1956
Hunter-Lab	60.5244, -23.3867, 16.9946

Details

The CIELCh color **67, 31.614, 142.645** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **59, 31.622, 325.885**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 31.725, 142.537**, and **47, 31.264, 143.040** is the 20% darker color. If you saturate the color by 10%, you get **66, 43.176, 141.760**, and if you desaturate by 10%, it is **68, 19.843, 143.414**.

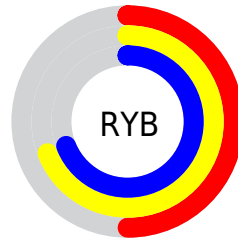
Distribution



Red (50%)

Green (69%)

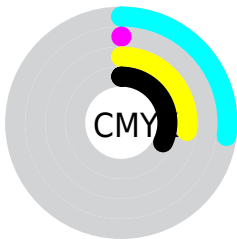
Blue (50%)



Red (50%)

Yellow (69%)

Blue (69%)

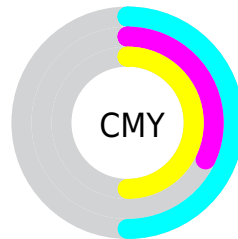


Cyan (27%)

Magenta (0%)

Yellow (27%)

Black (32%)



Cyan (50%)


Magenta (32%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 31.614, 142.645 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, 31.614, 142.645 by changing the saturation by 10% instead.


 67, 31.614,
142.645


 67, 31.614,
142.645


 100, 31.614,
142.645


 57, 31.614,
142.645


 87, 31.614,
142.645

 47, 31.614,
142.645

 97, 31.614,
142.645

 37, 31.614,
142.645

 27, 31.614,
142.645

 17, 31.614,
142.645

 7, 31.614, 142.645

 0, 31.614, 142.645

67, 31.614,
142.645

67, 31.614,
142.645

66, 43.176,
141.760

68, 19.843,
143.414

65, 54.262,
140.758

70, 8.059, 144.083

64, 64.545,
139.666

72, 3.590, 324.542

63, 73.625,
138.542

74, 15.002,
325.060

63, 81.049,
137.493

76, 26.112,
325.463

62, 86.370,
136.659

78, 36.880,
325.802

62, 89.417,
136.148

81, 47.290,
326.089

62, 90.176,

81, 50.264,
326.160

Harmonies

Complementary

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



67, 31.614, 142.645



59, 31.622, 325.885

Rectangle

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



67, 31.614, 142.645



67, 31.614, 192.645



67, 31.614, 322.645



67, 31.614, 12.645

Sweetspot

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



67, 31.615, 142.645



88, 11.563, 144.004



70, 25.374, 107.611



47, 8.293, 143.908



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, 31.615, 142.645



84, 46.448, 142.160



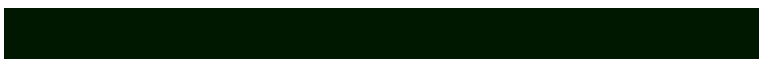
68, 21.827, 161.238



36, 6.580, 143.929



54, 80.799, 136.018



6, 13.853, 144.447

Inverse Universe

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



59, 31.622, 325.885



73, 46.426, 326.180



59, 22.558, 346.067



34, 6.590, 324.927



35, 77.951, 328.239



2, 13.854, 324.445

Previews

White Background



This preview shows how the CIELCh color 67, 31.614, 142.645 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, 31.614, 142.645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

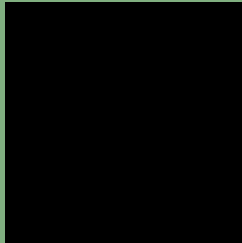
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 31.614, 142.645

Background



This preview shows how black text looks on a background with the CIELCh color 67, 31.614, 142.645.

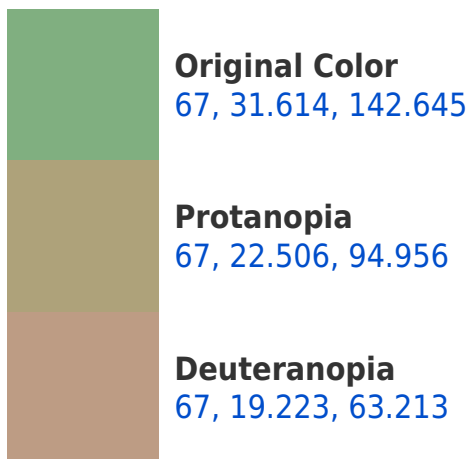


This preview shows how white text looks on a background with the CIELCh color 67, 31.614, 142.645.

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, 12.743, 233.163

Trichromacy



Original Color
67, 31.614, 142.645

Protanomaly
67, 23.825, 117.605

Deuteranomaly
67, 18.175, 103.089

Tritanomaly
67, 13.925, 179.663

Monochromacy



Original Color
67, 31.614, 142.645

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 11.549, 143.851

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 31.614, 142.645 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, 175, 128)` looks like.

```
.text, #text, p{  
    color:rgb(128, 175, 128)  
}
```

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, 175, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 175, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 31.614, 142.645 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, 175, 128) }
```

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

```
.border{ border-color:rgb(128, 175, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 175, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 175, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 175, 128);  
box-shadow:4px 4px 4px 4px rgb(128, 175,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 31.614, 142.645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 175, 128) }
```

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

```
.background{ background-color: rgb(128,  
175, 128) }
```

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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