

Converting Colors

CIELCh(67, 32.584, 145.111)

Have a look what the booklet for
CIELCh(67, 32.584, 145.111)
contains.

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Color

CIELCh(67, 32.054, 145.158)

Conversions

Conversions Part 1

Format	Color
Hex	7CAF81
RGB	124, 175, 129
RGB Percent	49%, 69%, 51%
CMY	0.5129, 0.3129, 0.4933
CMYK	0.29, 0.00, 0.26, 0.31
HSL	126°, 24%, 59%
HSV	126°, 29%, 69%
XYZ	27.6876, 36.6320, 26.4493
YIQ	154.5070, -15.6300, -25.1180

Conversions

Conversions Part 2

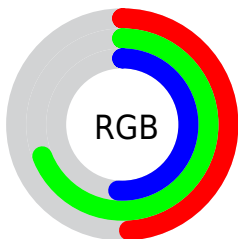
Format	Color
RYB	124, 170, 175
Decimal	8171393
CIELab	67.00, -26.31, 18.31
CIElCh	67, 32.054, 145.158
Yxy	36.6320, 0.3050, 0.4036
Android (android.graphics.Color)	4286361473 (0xFF7CAF81)
YUV	154.5070, -12.5750, -26.7546
Hunter-Lab	60.5244, -24.2605, 16.4571

Details

The CIELCh color **67, 32.054, 145.158** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **59, 32.090, 328.878**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 32.144, 144.989**, and **47, 32.176, 144.953** is the 20% darker color. If you saturate the color by 10%, you get **66, 42.852, 144.211**, and if you desaturate by 10%, it is **68, 21.039, 145.977**.

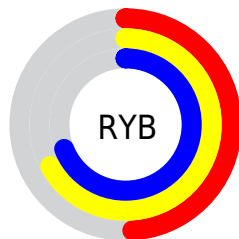
Distribution



Red (49%)

Green (69%)

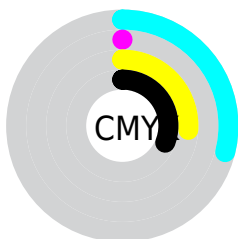
Blue (51%)



Red (49%)

Yellow (67%)

Blue (69%)

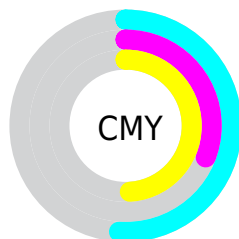


Cyan (29%)

Magenta (0%)

Yellow (26%)

Black (31%)



Cyan (51%)


Magenta (31%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 32.054, 145.158 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, 32.054, 145.158 by changing the saturation by 10% instead.


 67, 32.054,
145.158


 67, 32.054,
145.158


 100, 32.054,
145.158


 57, 32.054,
145.158


 87, 32.054,
145.158

 47, 32.054,
145.158

 97, 32.054,
145.158

 37, 32.054,
145.158

 27, 32.054,
145.158

 17, 32.054,
145.158

 7, 32.054, 145.158

 0, 32.054, 145.158

67, 32.054,
145.158

67, 32.054,
145.158

66, 42.852,
144.211

68, 21.039,
145.977

65, 53.202,
143.128

70, 9.984, 146.689

64, 62.838,
141.915

72, 0.971, 326.997

63, 71.457,
140.604

74, 11.727,
327.749

63, 78.738,
139.261

76, 22.217,
328.198

63, 84.363,
137.994

78, 32.400,
328.580

62, 88.160,
136.986

80, 42.254,
328.909

62, 88.420,

81, 49.915,
326.149

136.926

Harmonies

Complementary

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



67, 32.054, 145.158



59, 32.090, 328.878

Rectangle

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



67, 32.054, 145.158



67, 32.054, 195.158



67, 32.054, 325.158



67, 32.054, 15.158

Sweetspot

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



67, 32.055, 145.158



88, 12.168, 146.686



70, 27.556, 111.042



47, 8.532, 146.589



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, 32.055, 145.158



84, 47.437, 144.559



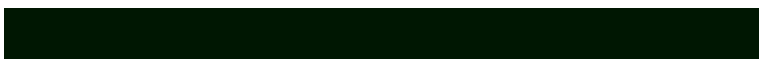
68, 22.162, 165.634



36, 6.150, 146.676



54, 78.776, 137.063



6, 13.115, 146.674

Inverse Universe

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



59, 32.090, 328.878



71, 47.438, 329.254



58, 23.362, 351.297



34, 6.163, 327.714



35, 72.282, 332.486



2, 12.577, 328.510

Previews

White Background



This preview shows how the CIELCh color 67, 32.054, 145.158 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, 32.054, 145.158 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, 32.054, 145.158

Background



This preview shows how black text looks on a background with the CIELCh color 67, 32.054, 145.158.

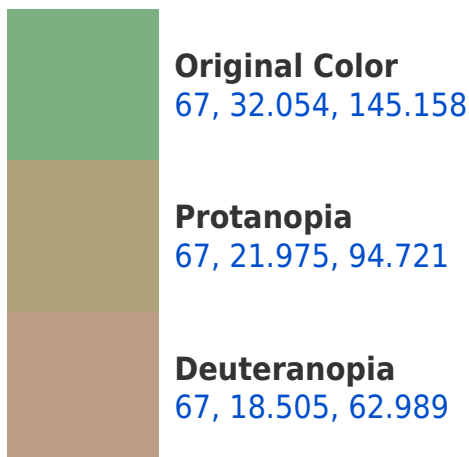


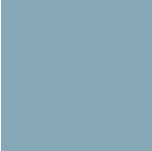
This preview shows how white text looks on a background with the CIELCh color 67, 32.054, 145.158.

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, 13.806, 232.891

Trichromacy



Original Color
67, 32.054, 145.158

Protanomaly
67, 23.376, 118.839

Deuteranomaly
66, 17.033, 105.635

Tritanomaly
67, 15.523, 181.490

Monochromacy



Original Color
67, 32.054, 145.158

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 11.327, 146.954

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 32.054, 145.158 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, 129)` looks like.

```
.text, #text, p{  
    color:rgb(124, 175, 129)  
}
```

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, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 175, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 32.054, 145.158 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, 129) }
```

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

```
.border{ border-color:rgb(124, 175, 129) }
```

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, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 175, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 175, 129);  
box-shadow:4px 4px 4px 4px rgb(124, 175,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 32.054, 145.158 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, 129) }
```

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

```
.background{ background-color: rgb(124,  
175, 129) }
```

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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