

Converting Colors

CIELCh(67, 5.050, 144.143)

Have a look what the booklet for
CIELCh(67, 5.050, 144.143) contains.

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Color

CIELCh(67, 4.714, 144.254)

Conversions

Conversions Part 1

Format	Color
Hex	9EA59E
RGB	158, 165, 158
RGB Percent	62%, 65%, 62%
CMY	0.3805, 0.3531, 0.3805
CMYK	0.04, 0.00, 0.04, 0.35
HSL	120°, 4%, 63%
HSV	120°, 4%, 65%
XYZ	33.7125, 36.6320, 37.6273
YIQ	162.1090, -1.9250, -3.6610

Conversions

Conversions Part 2

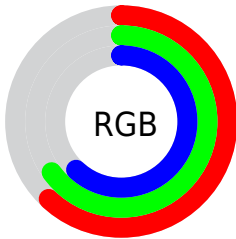
Format	Color
RYB	158, 165, 165
Decimal	10397086
CIELab	67.00, -3.83, 2.75
CIELCh	67, 4.714, 144.254
Yxy	36.6320, 0.3122, 0.3393
Android (android.graphics.Color)	4288587166 (0xFF9EA59E)
YUV	162.1090, -2.0257, -3.6036
Hunter-Lab	60.5244, -6.4920, 5.5071

Details

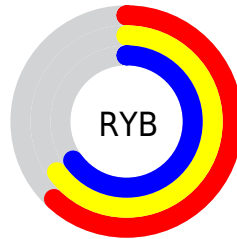
The CIELCh color $67, 4.714, 144.254$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 4.731, 324.623$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 4.463, 144.326$, and $47, 4.332, 144.195$ is the 20% darker color. If you saturate the color by 10%, you get $65, 15.943, 143.600$, and if you desaturate by 10%, it is $69, 6.354, 324.699$.

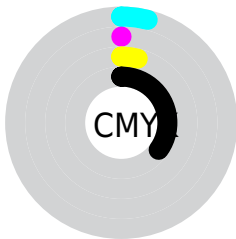
Distribution



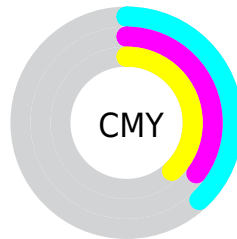
- Red (62%)
- Green (65%)
- Blue (62%)



- Red (62%)
- Yellow (65%)
- Blue (65%)



- Cyan (4%)
- Magenta (0%)
- Yellow (4%)
- Black (35%)



- Cyan (38%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 4.714, 144.254 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, 4.714, 144.254 by changing the saturation by 10% instead.

■ 67, 4.714, 144.254

■ 67, 4.714, 144.254

■ 100, 4.714,
144.254

■ 57, 4.714, 144.254

■ 87, 4.714, 144.254

■ 47, 4.714, 144.254

■ 97, 4.714, 144.254

■ 37, 4.714, 144.254

■ 27, 4.714, 144.254

■ 17, 4.714, 144.254

■ 7, 4.714, 144.254

■ 0, 4.714, 144.254

■ 67, 4.714, 144.254

■ 67, 4.714, 144.254

■ 65, 15.943,

■ 69, 6.354, 324.699

143.600

71, 17.178,
325.167

64, 27.203,
142.865

73, 27.703,
325.551

63, 38.319,
142.017

75, 37.898,
325.874

62, 49.060,
141.051

77, 47.751,
326.149

61, 59.134,
139.985

79, 56.153,
326.358

60, 68.181,
138.867

60, 75.782,
137.787

59, 81.503,
136.878

59, 85.022,
136.274

Harmonies

Complementary

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



67, 4.714, 144.254



66, 4.731, 324.623

Rectangle

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



67, 4.714, 144.254



67, 4.714, 194.254



67, 4.714, 324.254



67, 4.714, 14.254

Sweetspot

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



67, 4.716, 144.254



85, 1.364, 144.586



68, 3.844, 109.765



45, 0.774, 144.601



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



67, 4.716, 144.254



85, 6.878, 144.198



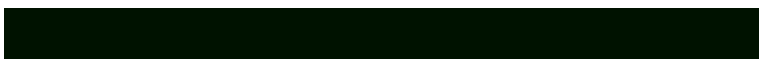
67, 3.296, 163.417



34, 3.743, 144.167



52, 78.792, 136.016



4, 9.703, 144.443

Inverse Universe

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



66, 4.731, 324.623



83, 6.896, 324.676



66, 3.323, 343.886



33, 3.752, 324.704



34, 76.021, 328.233



2, 9.704, 324.439

Previews

White Background



This preview shows how the CIELCh color 67, 4.714, 144.254 looks on a white background.

Color Contrast Check

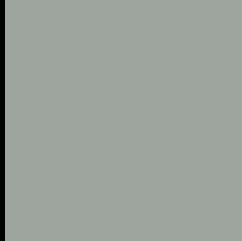
Large Text (above 18pt) WCAG AA × Fail

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, 4.714, 144.254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

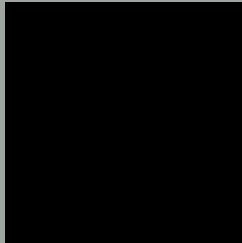
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

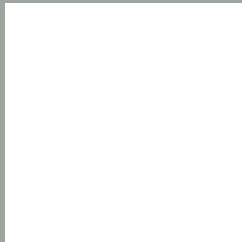
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 4.714, 144.254

Background



This preview shows how black text looks on a background with the CIELCh color 67, 4.714, 144.254.



This preview shows how white text looks on a background with the CIELCh color 67, 4.714, 144.254.

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, 4.714, 144.254

Protanopia

67, 3.815, 79.293

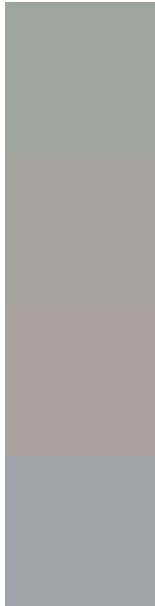
Deuteranopia

67, 8.593, 16.490



Tritanopia
67, 7.193, 288.004

Trichromacy



Original Color

67, 4.714, 144.254

Protanomaly

67, 3.318, 103.150

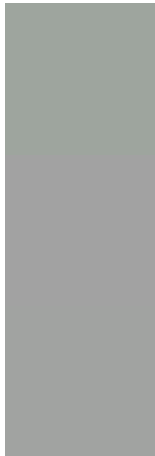
Deuteranomaly

67, 4.388, 34.170

Tritanomaly

67, 3.484, 271.847

Monochromacy



Original Color

67, 4.714, 144.254

Achromatopsia

67, 0.008, 296.813

Achromatomaly

67, 1.341, 144.541

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 4.714, 144.254 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(158, 165, 158)` looks like.

```
.text, #text, p{  
    color:rgb(158, 165, 158)  
}
```

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(158, 165, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 165, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 4.714, 144.254 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(158, 165, 158) }
```

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

```
.border{ border-color:rgb(158, 165, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 165, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 165, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 165, 158);  
box-shadow:4px 4px 4px 4px rgb(158, 165,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 4.714, 144.254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 165, 158) }
```

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

```
.background{ background-color: rgb(158,  
165, 158) }
```

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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