

Converting Colors

CIELCh(67, 4.526, 191.322)

Have a look what the booklet for
CIELCh(67, 4.526, 191.322) contains.

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Color

CIELCh(67, 4.637, 185.314)

Conversions

Conversions Part 1

Format	Color
Hex	9AA6A4
RGB	154, 166, 164
RGB Percent	60%, 65%, 64%
CMY	0.3976, 0.3505, 0.3584
CMYK	0.07, 0.00, 0.01, 0.35
HSL	170°, 6%, 63%
HSV	170°, 7%, 65%
XYZ	33.4869, 36.6320, 40.2462
YIQ	162.1840, -6.5100, -3.1660

Conversions

Conversions Part 2

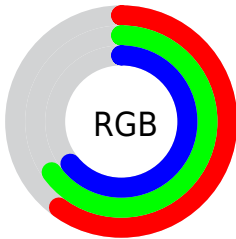
Format	Color
RYB	154, 161, 166
Decimal	10135204
CIELab	67.00, -4.62, -0.43
CIElCh	67, 4.637, 185.314
Yxy	36.6320, 0.3034, 0.3319
Android (android.graphics.Color)	4288325284 (0xFF9AA6A4)
YUV	162.1840, 0.8953, -7.1774
Hunter-Lab	60.5244, -7.1572, 2.9417

Details

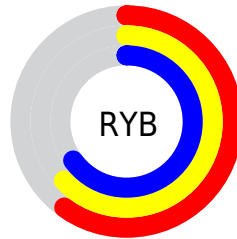
The CIELCh color $67, 4.637, 185.314$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 4.785, 6.358$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 4.748, 186.455$, and $47, 4.567, 183.921$ is the 20% darker color. If you saturate the color by 10%, you get $66, 10.868, 184.376$, and if you desaturate by 10%, it is $68, 1.790, 5.786$.

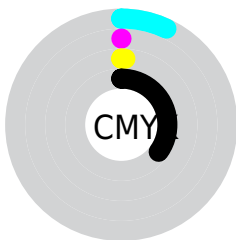
Distribution



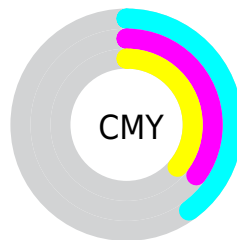
- Red (60%)
- Green (65%)
- Blue (64%)



- Red (60%)
- Yellow (63%)
- Blue (65%)



- Cyan (7%)
- Magenta (0%)
- Yellow (1%)
- Black (35%)



- Cyan (40%)
- Magenta (35%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 4.637, 185.314 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, 4.637, 185.314 by changing the saturation by 10% instead.

■ 67, 4.637, 185.314

■ 67, 4.637, 185.314

■ 100, 4.637,
185.314

■ 57, 4.637, 185.314

■ 87, 4.637, 185.314

■ 47, 4.637, 185.314

■ 97, 4.637, 185.314

■ 37, 4.637, 185.314

■ 27, 4.637, 185.314

■ 17, 4.637, 185.314

■ 7, 4.637, 185.314

■ 0, 4.637, 185.314

■ 67, 4.637, 185.314

■ 67, 4.637, 185.314

■ 66, 10.868,

■ 68, 1.790, 5.786

184.376

70, 8.338, 6.795

65, 16.806,
183.456

71, 14.939, 7.605

64, 22.351,
182.497

73, 21.542, 8.378

63, 27.397,
181.482

75, 28.106, 9.127

62, 31.846,
180.393

77, 35.506, 7.880

62, 35.618,
179.211

77, 35.706, 5.559

61, 38.664,
177.915

77, 35.968, 3.271

61, 40.981,
176.483

61, 42.660,
174.918

Harmonies

Complementary

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



67, 4.637, 185.314



65, 4.785, 6.358

Rectangle

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



67, 4.637, 185.314



67, 4.637, 235.314



67, 4.637, 5.314



67, 4.637, 55.314

Sweetspot

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



67, 4.638, 185.299



85, 1.587, 185.986



67, 7.639, 139.003



45, 0.901, 186.017



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, 4.638, 185.299



84, 7.087, 185.115



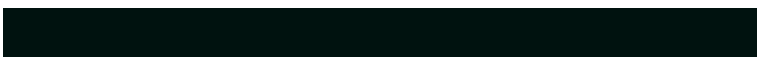
66, 3.674, 234.311



34, 3.569, 185.106



54, 39.067, 174.686



4, 5.733, 182.521

Inverse Universe

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



65, 4.785, 6.358



80, 7.369, 6.559



65, 3.806, 52.999



32, 3.713, 6.569



30, 61.842, 30.738



1, 5.610, 7.044

Previews

White Background



This preview shows how the CIELCh color 67, 4.637, 185.314 looks on a white background.

Color Contrast Check

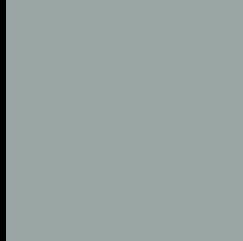
Large Text (above 18pt) WCAG AA × Fail

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, 4.637, 185.314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

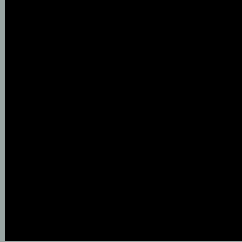
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

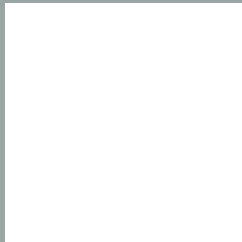
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 4.637, 185.314

Background



This preview shows how black text looks on a background with the CIELCh color 67, 4.637, 185.314.

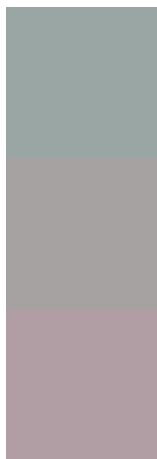


This preview shows how white text looks on a background with the CIELCh color 67, 4.637, 185.314.

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

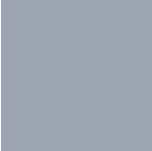
67, 4.637, 185.314

Protanopia

67, 1.527, 19.233

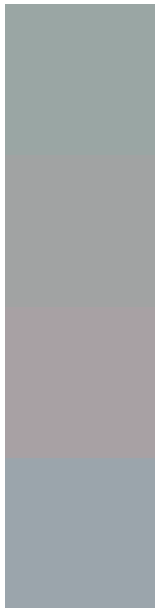
Deuteranopia

67, 8.263, 352.337



Tritanopia
67, 7.685, 268.746

Trichromacy



Original Color
67, 4.637, 185.314

Protanomaly
67, 0.756, 199.966

Deuteranomaly
67, 3.157, 347.924

Tritanomaly
67, 5.273, 246.502

Monochromacy



Original Color
67, 4.637, 185.314

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 1.508, 199.586

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 4.637, 185.314 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(154, 166, 164)` looks like.

```
.text, #text, p{  
    color:rgb(154, 166, 164)  
}
```

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(154, 166, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 166, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 4.637, 185.314 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(154, 166, 164) }
```

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

```
.border{ border-color:rgb(154, 166, 164) }
```

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

Here you see how a box with a 4 pixel rgb(154, 166, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 166, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 166, 164);  
box-shadow:4px 4px 4px 4px rgb(154, 166,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 4.637, 185.314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 166, 164) }
```

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

```
.background{ background-color: rgb(154,  
166, 164) }
```

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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