

Converting Colors

CIELCh(67, 3.077, 159.032)

Have a look what the booklet for
CIELCh(67, 3.077, 159.032) contains.

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Color

CIELCh(67, 3.468, 159.770)

Conversions

Conversions Part 1

Format	Color
Hex	9EA5A1
RGB	158, 165, 161
RGB Percent	62%, 65%, 63%
CMY	0.3813, 0.3539, 0.3696
CMYK	0.04, 0.00, 0.02, 0.35
HSL	146°, 4%, 63%
HSV	146°, 4%, 65%
XYZ	33.8761, 36.6320, 38.8916
YIQ	162.4510, -2.8880, -2.7280

Conversions

Conversions Part 2

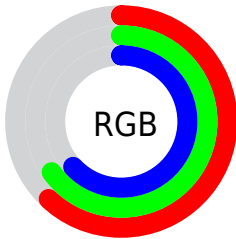
Format	Color
RYB	158, 163, 165
Decimal	10397089
CIELab	67.00, -3.25, 1.20
CIELCh	67, 3.468, 159.770
Yxy	36.6320, 0.3097, 0.3348
Android (android.graphics.Color)	4288587169 (0xFF9EA5A1)
YUV	162.4510, -0.7153, -3.9035
Hunter-Lab	60.5244, -6.0092, 4.2686

Details

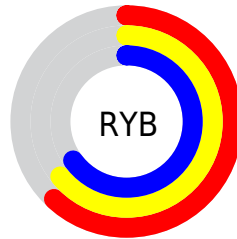
The CIELCh color $67, 3.468, 159.770$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 3.494, 340.211$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 3.284, 159.875$, and $47, 3.026, 163.327$ is the 20% darker color. If you saturate the color by 10%, you get $66, 11.678, 158.885$, and if you desaturate by 10%, it is $69, 4.685, 340.325$.

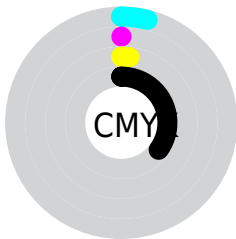
Distribution



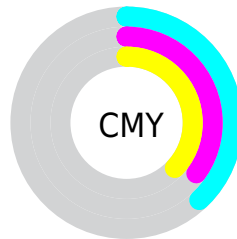
- Red (62%)
- Green (65%)
- Blue (63%)



- Red (62%)
- Yellow (64%)
- Blue (65%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (35%)



- Cyan (38%)
- Magenta (35%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 3.468, 159.770 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, 3.468, 159.770 by changing the saturation by 10% instead.

■ 67, 3.468, 159.770

■ 67, 3.468, 159.770

■ 100, 3.468,
159.770

■ 57, 3.468, 159.770

■ 87, 3.468, 159.770

■ 47, 3.468, 159.770

■ 97, 3.468, 159.770

■ 37, 3.468, 159.770

■ 27, 3.468, 159.770

■ 17, 3.468, 159.770

■ 7, 3.468, 159.770

■ 0, 3.468, 159.770

■ 67, 3.468, 159.770

■ 67, 3.468, 159.770

■ 66, 11.678,

■ 69, 4.685, 340.325

158.885

70, 12.719,
341.028

64, 19.854,
157.964

72, 20.584,
341.638

63, 27.890,
156.931

74, 28.251,
342.194

62, 35.657,
155.762

76, 35.698,
342.705

61, 43.021,
154.433

78, 42.492,
342.597

61, 49.843,
152.920

78, 45.490,
337.541

60, 56.007,
151.211

79, 48.829,
333.210

60, 61.435,
149.301

79, 52.436,
329.521

59, 66.104,
147.213

Harmonies

Complementary

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



67, 3.468, 159.770



66, 3.494, 340.211

Rectangle

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



67, 3.468, 159.770



67, 3.468, 209.770



67, 3.468, 339.770



67, 3.468, 29.770

Sweetspot

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



67, 3.470, 159.762



86, 1.004, 160.310



67, 4.018, 125.928



45, 0.569, 160.339



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, 3.470, 159.762



85, 5.058, 159.681



67, 2.653, 192.375



34, 2.753, 159.639



53, 62.200, 146.290



4, 7.362, 158.086

Inverse Universe

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



66, 3.494, 340.211



83, 5.093, 340.291



66, 2.715, 12.660



33, 2.772, 340.333



31, 57.000, 354.675



1, 6.884, 342.703

Previews

White Background



This preview shows how the CIELCh color 67, 3.468, 159.770 looks on a white background.

Color Contrast Check

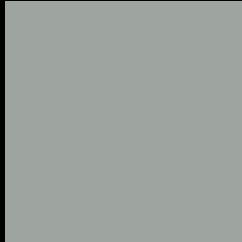
Large Text (above 18pt) WCAG AA × Fail

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, 3.468, 159.770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

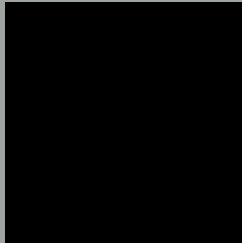
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

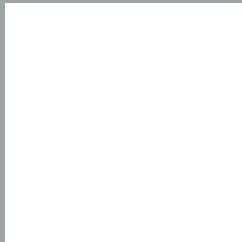
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 3.468, 159.770

Background



This preview shows how black text looks on a background with the CIELCh color 67, 3.468, 159.770.



This preview shows how white text looks on a background with the CIELCh color 67, 3.468, 159.770.

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, 3.468, 159.770

Protanopia

67, 2.521, 60.247

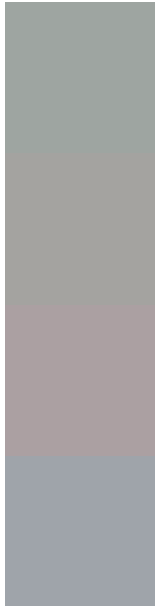
Deuteranopia

67, 8.422, 5.023



Tritanopia
67, 6.702, 281.426

Trichromacy



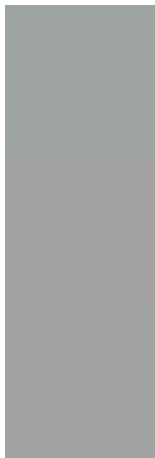
Original Color
67, 3.468, 159.770

Protanomaly
67, 1.686, 96.858

Deuteranomaly
67, 4.373, 5.116

Tritanomaly
67, 3.770, 261.080

Monochromacy



Original Color
67, 3.468, 159.770

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 1.266, 173.845

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 3.468, 159.770 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, 161)` looks like.

```
.text, #text, p{  
    color:rgb(158, 165, 161)  
}
```

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, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 165, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 3.468, 159.770 is called "border". The border property can be set on classes, ids or directly on the HTML element.

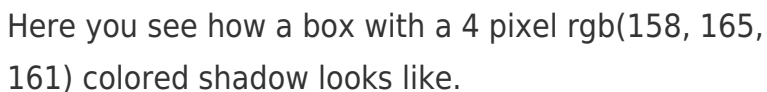
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 165, 161) }
```

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

```
.border{ border-color:rgb(158, 165, 161) }
```

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, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 165, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 165, 161); box-shadow:4px 4px 4px 4px rgb(158, 165, 161) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 3.468, 159.770 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, 161) }
```

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

```
.background{ background-color: rgb(158,  
165, 161) }
```

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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