

Converting Colors

CIELCh(67, 4.648, 236.567)

Have a look what the booklet for
CIELCh(67, 4.648, 236.567) contains.

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Color

CIELCh(67, 4.562, 236.555)

Conversions

Conversions Part 1

Format	Color
Hex	9BA5AA
RGB	155, 165, 170
RGB Percent	61%, 65%, 67%
CMY	0.3933, 0.3541, 0.3345
CMYK	0.09, 0.03, 0.00, 0.33
HSL	200°, 8%, 64%
HSV	200°, 9%, 67%
XYZ	34.0887, 36.6320, 43.1544
YIQ	162.5800, -7.5650, -0.5650

Conversions

Conversions Part 2

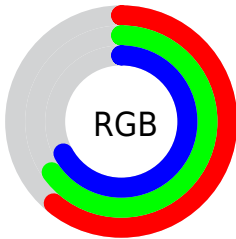
Format	Color
RYB	155, 161, 170
Decimal	10200490
CIELab	67.00, -2.51, -3.81
CIElCh	67, 4.562, 236.555
Yxy	36.6320, 0.2994, 0.3217
Android (android.graphics.Color)	4288390570 (0xFF9BA5AA)
YUV	162.5800, 3.6581, -6.6477
Hunter-Lab	60.5244, -5.3825, 0.0928

Details

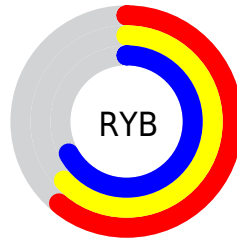
The CIELCh color $67, 4.562, 236.555$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 4.760, 54.901$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 4.627, 233.783$, and $47, 4.548, 239.845$ is the 20% darker color. If you saturate the color by 10%, you get $64, 9.534, 237.550$, and if you desaturate by 10%, it is $70, 0.606, 54.869$.

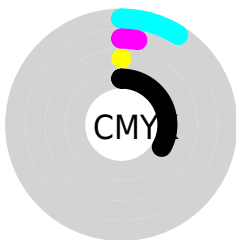
Distribution



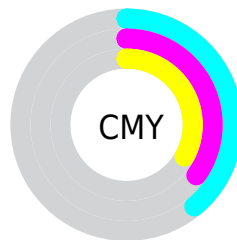
- Red (61%)
- Green (65%)
- Blue (67%)



- Red (61%)
- Yellow (63%)
- Blue (67%)



- Cyan (9%)
- Magenta (3%)
- Yellow (0%)
- Black (33%)



- Cyan (39%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 4.562, 236.555 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, 4.562, 236.555 by changing the saturation by 10% instead.

■ 67, 4.562, 236.555

■ 67, 4.562, 236.555

■ 100, 4.562,
236.555

■ 57, 4.562, 236.555

■ 87, 4.562, 236.555

■ 47, 4.562, 236.555

■ 97, 4.562, 236.555

■ 37, 4.562, 236.555

■ 27, 4.562, 236.555

■ 17, 4.562, 236.555

■ 7, 4.562, 236.555

■ 0, 4.562, 236.555

■ 67, 4.562, 236.555

■ 67, 4.562, 236.555

■ 64, 9.534, 237.550

■ 70, 0.606, 54.869

62, 14.260,
238.862

73, 5.924, 54.815

59, 18.686,
240.507

76, 11.354, 54.288

79, 16.862, 53.842

56, 22.762,
242.557

82, 22.423, 53.473

54, 26.449,
245.093

84, 27.486, 53.842

86, 27.460, 61.104

52, 29.735,
248.199

87, 27.884, 68.249

49, 32.643,
251.935

88, 28.735, 75.054

47, 35.253,
256.315

45, 37.735,
261.142

Harmonies

Complementary

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



67, 4.562, 236.555



66, 4.760, 54.901

Rectangle

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



67, 4.562, 236.555



67, 4.562, 286.555



67, 4.562, 56.555



67, 4.562, 106.555

Sweetspot

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



67, 4.562, 236.533



87, 1.948, 236.191



68, 8.048, 154.388



47, 1.486, 236.203



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



67, 4.562, 236.533



85, 7.031, 236.745



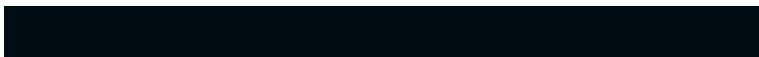
65, 6.866, 282.425



34, 2.900, 236.572



40, 34.156, 261.050



3, 5.477, 245.125

Inverse Universe

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



65, 7.996, 336.231



82, 12.402, 336.409



68, 6.785, 100.398



33, 5.088, 336.265



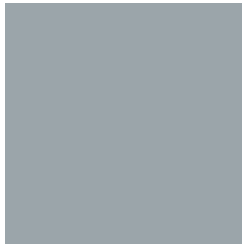
32, 60.470, 346.954



2, 8.717, 339.104

Previews

White Background



This preview shows how the CIELCh color 67, 4.562, 236.555 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, 4.562, 236.555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

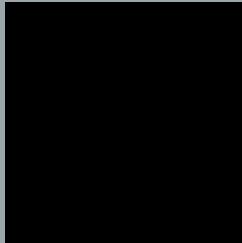
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

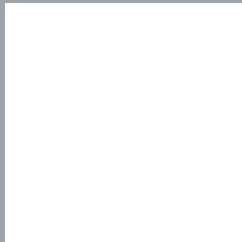
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 4.562, 236.555

Background



This preview shows how black text looks on a background with the CIELCh color 67, 4.562, 236.555.



This preview shows how white text looks on a background with the CIELCh color 67, 4.562, 236.555.

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

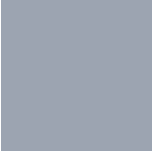
67, 4.562, 236.555

Protanopia

67, 3.416, 303.222

Deuteranopia

67, 9.673, 332.378



Tritanopia
67, 7.685, 268.746

Trichromacy



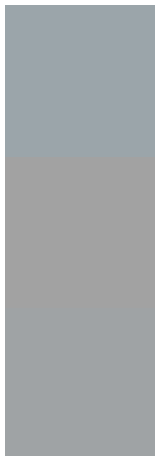
Original Color
67, 4.562, 236.555

Protanomaly
67, 3.390, 277.836

Deuteranomaly
67, 6.820, 316.832

Tritanomaly
67, 6.196, 262.602

Monochromacy



Original Color
67, 4.562, 236.555

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 1.853, 236.220

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 4.562, 236.555 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(155, 165, 170)` looks like.

```
.text, #text, p{  
    color:rgb(155, 165, 170)  
}
```

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(155, 165, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 165, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 4.562, 236.555 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(155, 165, 170) }
```

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

```
.border{ border-color:rgb(155, 165, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 165, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 165, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 165, 170);  
box-shadow:4px 4px 4px 4px rgb(155, 165,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 4.562, 236.555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 165, 170) }
```

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

```
.background{ background-color: rgb(155,  
165, 170) }
```

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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