

Converting Colors

CIELCh(67, 4.244, 233.224)

Have a look what the booklet for
CIELCh(67, 4.244, 233.224) contains.

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Color

CIELCh(67, 4.269, 230.446)

Conversions

Conversions Part 1

Format	Color
Hex	9BA5A9
RGB	155, 165, 169
RGB Percent	61%, 65%, 66%
CMY	0.3930, 0.3538, 0.3381
CMYK	0.08, 0.02, 0.00, 0.34
HSL	197°, 8%, 63%
HSV	197°, 8%, 66%
XYZ	34.0299, 36.6320, 42.7020
YIQ	162.4660, -7.2440, -0.8760

Conversions

Conversions Part 2

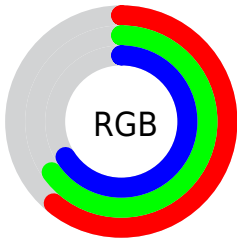
Format	Color
RYB	155, 161, 169
Decimal	10200489
CIELab	67.00, -2.72, -3.29
CIElCh	67, 4.269, 230.446
Yxy	36.6320, 0.3002, 0.3231
Android (android.graphics.Color)	4288390569 (0xFF9BA5A9)
YUV	162.4660, 3.2213, -6.5477
Hunter-Lab	60.5244, -5.5558, 0.5359

Details

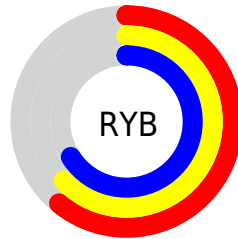
The CIELCh color $67, 4.269, 230.446$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 4.463, 49.186$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 4.369, 227.964$, and $47, 4.210, 233.432$ is the 20% darker color. If you saturate the color by 10%, you get $64, 9.204, 231.205$, and if you desaturate by 10%, it is $70, 0.892, 49.157$.

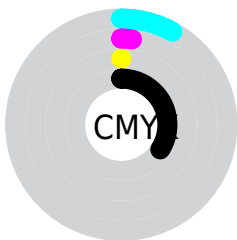
Distribution



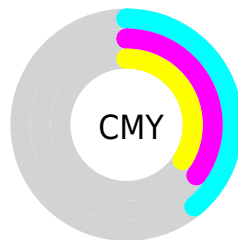
- Red (61%)
- Green (65%)
- Blue (66%)



- Red (61%)
- Yellow (63%)
- Blue (66%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (34%)



- Cyan (39%)
- Magenta (35%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 4.269, 230.446 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, 4.269, 230.446 by changing the saturation by 10% instead.

■ 67, 4.269, 230.446

■ 67, 4.269, 230.446

■ 100, 4.269,
230.446

■ 57, 4.269, 230.446

■ 87, 4.269, 230.446

■ 47, 4.269, 230.446

■ 97, 4.269, 230.446

■ 37, 4.269, 230.446

■ 27, 4.269, 230.446

■ 17, 4.269, 230.446

■ 7, 4.269, 230.446

■ 0, 4.269, 230.446

■ 67, 4.269, 230.446

■ 67, 4.269, 230.446

■ 64, 9.204, 231.205

■ 70, 0.892, 49.157

62, 13.856,
232.262

72, 6.226, 49.083

60, 18.161,
233.623

75, 11.691, 48.724

57, 22.058,
235.356

78, 17.249, 48.433

55, 25.496,
237.543

83, 28.147, 48.411

53, 28.445,
240.272

84, 27.800, 54.449

51, 30.912,
243.625

85, 27.778, 60.565

49, 32.961,
247.649

87, 28.079, 66.612

48, 34.751,
252.230

Harmonies

Complementary

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



67, 4.269, 230.446



66, 4.463, 49.186

Rectangle

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



67, 4.269, 230.446



67, 4.269, 280.446



67, 4.269, 50.446



67, 4.269, 100.446

Sweetspot

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



67, 4.269, 230.423



87, 1.293, 230.314



68, 7.704, 153.099



46, 0.734, 230.332



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



67, 4.269, 230.423



84, 6.345, 230.546



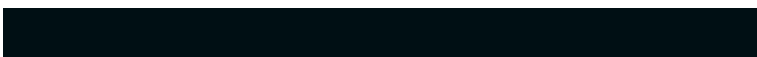
65, 6.177, 280.384



34, 2.900, 230.486



42, 31.686, 252.409



3, 5.398, 238.902

Inverse Universe

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



65, 7.726, 334.217



82, 11.546, 334.352



68, 6.119, 98.427



33, 5.264, 334.288



33, 62.279, 343.477



2, 9.045, 336.775

Previews

White Background



This preview shows how the CIELCh color 67, 4.269, 230.446 looks on a white background.

Color Contrast Check

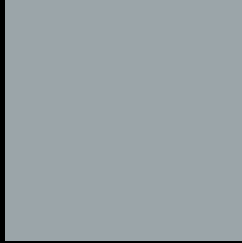
Large Text (above 18pt) WCAG AA × Fail

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, 4.269, 230.446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

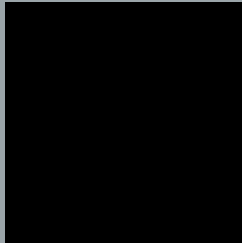
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

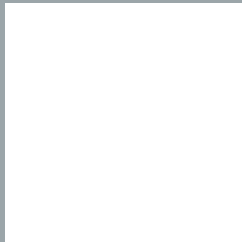
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 4.269, 230.446

Background



This preview shows how black text looks on a background with the CIELCh color 67, 4.269, 230.446.



This preview shows how white text looks on a background with the CIELCh color 67, 4.269, 230.446.

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

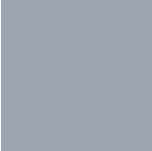
67, 4.269, 230.446

Protanopia

67, 2.880, 305.619

Deuteranopia

67, 9.275, 334.667



Tritanopia
67, 7.685, 268.746

Trichromacy



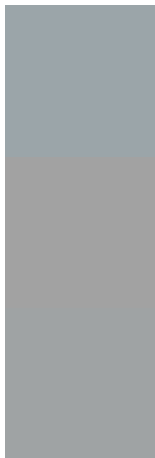
Original Color
67, 4.269, 230.446

Protanomaly
67, 2.855, 275.310

Deuteranomaly
67, 6.330, 319.037

Tritanomaly
67, 6.196, 262.602

Monochromacy



Original Color
67, 4.269, 230.446

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 1.597, 219.841

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 4.269, 230.446 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(155, 165, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 165, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 4.269, 230.446 is called "border". The border property can be set on classes, ids or directly on the HTML element.

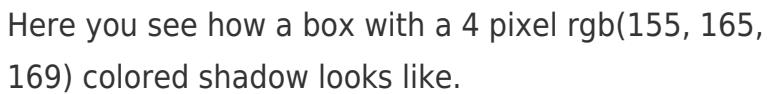
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 165, 169) }
```

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

```
.border{ border-color:rgb(155, 165, 169) }
```

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, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 165, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 165, 169); box-shadow:4px 4px 4px 4px rgb(155, 165, 169) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 4.269, 230.446 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, 169) }
```

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

```
.background{ background-color: rgb(155,  
165, 169) }
```

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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