

Converting Colors

CIELCh(69, 8.362, 206.351)

Have a look what the booklet for
CIELCh(69, 8.362, 206.351) contains.

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Color

CIELCh(69, 8.362, 206.351)

Conversions

Conversions Part 1

Format	Color
Hex	96ADAF
RGB	150, 173, 175
RGB Percent	59%, 68%, 69%
CMY	0.4127, 0.3225, 0.3146
CMYK	0.14, 0.01, 0.00, 0.31
HSL	185°, 13%, 64%
HSV	185°, 14%, 69%
XYZ	35.1478, 39.3444, 46.1774
YIQ	166.3510, -14.3500, -4.2540

Conversions

Conversions Part 2

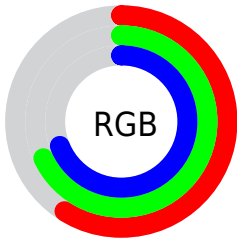
Format	Color
RYB	150, 162, 175
Decimal	9874863
CIELab	69.00, -7.49, -3.71
CIElCh	69, 8.362, 206.351
Yxy	39.3444, 0.2913, 0.3261
Android (android.graphics.Color)	4288064943 (0xFF96ADAF)
YUV	166.3510, 4.2640, -14.3398
Hunter-Lab	62.7251, -9.7470, 0.2591

Details

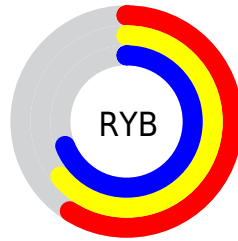
The CIELCh color **69, 8.362, 206.351** is a light color, and the websafe version is hex **999999**. A complement of this color would be **65, 9.179, 27.096**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 8.351, 206.106**, and **49, 8.417, 206.614** is the 20% darker color. If you saturate the color by 10%, you get **67, 13.765, 206.179**, and if you desaturate by 10%, it is **71, 2.582, 206.695**.

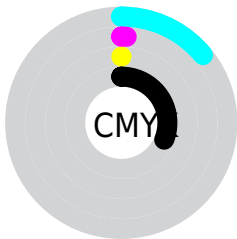
Distribution



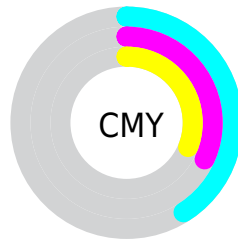
- Red (59%)
- Green (68%)
- Blue (69%)



- Red (59%)
- Yellow (64%)
- Blue (69%)



- Cyan (14%)
- Magenta (1%)
- Yellow (0%)
- Black (31%)



- Cyan (41%)
- Magenta (32%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 8.362, 206.351 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 69, 8.362, 206.351 by changing the saturation by 10% instead.

■ 69, 8.362, 206.351

■ 69, 8.362, 206.351

■ 100, 8.362,
206.351

■ 59, 8.362, 206.351

■ 89, 8.362, 206.351

■ 49, 8.362, 206.351

■ 99, 8.362, 206.351

■ 39, 8.362, 206.351

■ 29, 8.362, 206.351

■ 19, 8.362, 206.351

■ 9, 8.362, 206.351

■ 0, 8.362, 206.351

■ 69, 8.362, 206.351

■ 69, 8.362, 206.351

■ 67, 13.765,

■ 71, 2.582, 206.695

206.179

72, 3.491, 26.640

66, 18.695,
206.134

74, 9.781, 27.065

65, 23.056,
206.218

76, 16.223, 27.455

64, 26.757,
206.455

78, 22.766, 27.860

63, 29.725,
206.871

80, 29.366, 28.277

62, 31.915,
207.493

81, 29.093, 29.717

61, 33.325,
208.351

81, 28.689, 31.222

61, 34.008,
209.467

60, 34.215,
210.173

Harmonies

Complementary

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



69, 8.362, 206.351



65, 9.179, 27.096

Rectangle

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



69, 8.362, 206.351



69, 8.362, 256.351



69, 8.362, 26.351



69, 8.362, 76.351

Sweetspot

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



69, 8.363, 206.341



89, 2.970, 206.712



69, 16.029, 145.416



48, 2.124, 206.662



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



69, 8.363, 206.341



87, 12.185, 206.280



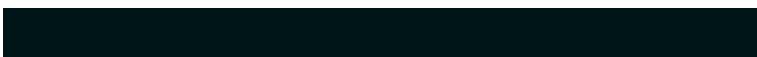
66, 8.690, 264.269



36, 3.334, 206.473



52, 30.669, 209.992



5, 7.010, 210.142

Inverse Universe

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



65, 15.907, 327.462



81, 23.410, 327.635



68, 8.873, 80.452



34, 6.240, 327.169



35, 73.297, 331.632



2, 12.800, 327.727

Previews

White Background



This preview shows how the CIELCh color 69, 8.362, 206.351 looks on a white background.

Color Contrast Check

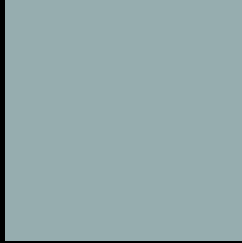
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 69, 8.362, 206.351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

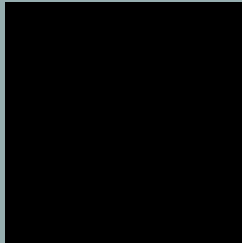
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

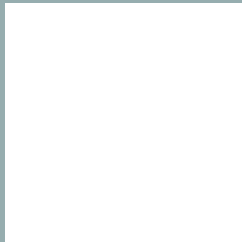
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 8.362, 206.351

Background



This preview shows how black text looks on a background with the CIELCh color 69, 8.362, 206.351.



This preview shows how white text looks on a background with the CIELCh color 69, 8.362, 206.351.

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

69, 8.362, 206.351

Protanopia

69, 2.489, 317.323

Deuteranopia

69, 10.032, 330.261



Tritanopia
69, 10.064, 249.086

Trichromacy



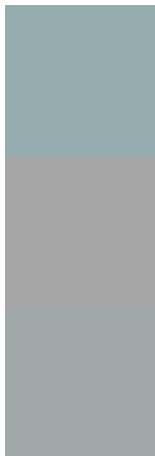
Original Color
69, 8.362, 206.351

Protanomaly
69, 2.750, 236.290

Deuteranomaly
69, 5.017, 299.178

Tritanomaly
69, 8.859, 232.956

Monochromacy



Original Color
69, 8.362, 206.351

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 3.020, 209.821

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 8.362, 206.351 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(150, 173, 175)` looks like.

```
.text, #text, p{  
    color:rgb(150, 173, 175)  
}
```

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(150, 173, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 173, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 8.362, 206.351 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(150, 173, 175) }
```

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

```
.border{ border-color:rgb(150, 173, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 173, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 173, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 173, 175);  
box-shadow:4px 4px 4px 4px rgb(150, 173,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 8.362, 206.351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 173, 175) }
```

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

```
.background{ background-color: rgb(150,  
173, 175) }
```

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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