

Converting Colors

CIELCh(70, 5.708, 211.515)

Have a look what the booklet for
CIELCh(70, 5.708, 211.515) contains.

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Color

CIELCh(70, 5.571, 210.407)

Conversions

Conversions Part 1

Format	Color
Hex	9FAEB0
RGB	159, 174, 176
RGB Percent	62%, 68%, 69%
CMY	0.3767, 0.3178, 0.3100
CMYK	0.10, 0.01, 0.00, 0.31
HSL	187°, 10%, 66%
HSV	187°, 10%, 69%
XYZ	37.2445, 40.7494, 46.9489
YIQ	169.7430, -9.5820, -2.5580

Conversions

Conversions Part 2

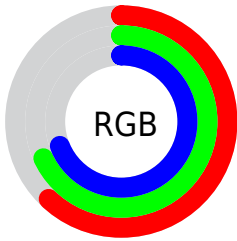
Format	Color
RYB	159, 167, 176
Decimal	10464944
CIELab	70.00, -4.80, -2.82
CIElCh	70, 5.571, 210.407
Yxy	40.7494, 0.2981, 0.3261
Android (android.graphics.Color)	4288655024 (0xFF9FAEB0)
YUV	169.7430, 3.0847, -9.4216
Hunter-Lab	63.8353, -7.5665, 1.0787

Details

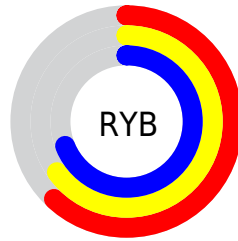
The CIELCh color $70, 5.571, 210.407$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 5.926, 30.489$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 5.430, 215.888$, and $50, 5.880, 210.371$ is the 20% darker color. If you saturate the color by 10%, you get $68, 11.015, 210.344$, and if you desaturate by 10%, it is $72, 0.200, 27.865$.

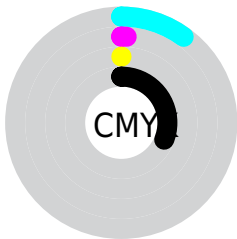
Distribution



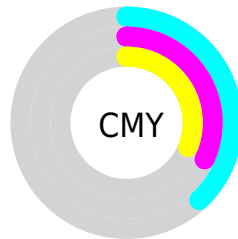
- Red (62%)
- Green (68%)
- Blue (69%)



- Red (62%)
- Yellow (65%)
- Blue (69%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (31%)



- Cyan (38%)
- Magenta (32%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 5.571, 210.407 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 70, 5.571, 210.407 by changing the saturation by 10% instead.

■ 70, 5.571, 210.407

■ 70, 5.571, 210.407

■ 100, 5.571,
210.407

■ 60, 5.571, 210.407

■ 90, 5.571, 210.407

■ 50, 5.571, 210.407

■ 40, 5.571, 210.407

■ 30, 5.571, 210.407

■ 20, 5.571, 210.407

■ 10, 5.571, 210.407

■ 0, 5.571, 210.407

■ 70, 5.571, 210.407

■ 70, 5.571, 210.407

■ 68, 11.015,

■ 72, 0.200, 27.865

210.344

74, 6.221, 30.482

67, 16.043,
210.448

76, 12.426, 30.746

65, 20.565,
210.708

78, 18.760, 31.024

64, 24.486,
211.156

80, 25.178, 31.325

62, 27.726,
211.831

82, 27.313, 35.149

61, 30.224,
212.775

83, 26.840, 37.655

60, 31.958,
214.037

83, 26.421, 40.249

59, 32.955,
215.661

59, 33.394,
217.614

Harmonies

Complementary

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



70, 5.571, 210.407



67, 5.926, 30.489

Rectangle

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



70, 5.571, 210.407



70, 5.571, 260.407



70, 5.571, 30.407



70, 5.571, 80.407

Sweetspot

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



70, 5.572, 210.390



90, 2.183, 210.635



70, 10.485, 147.219



48, 1.650, 210.569



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



70, 5.572, 210.390



88, 8.531, 210.362



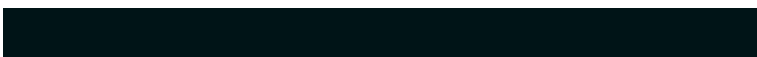
68, 6.207, 268.227



36, 3.229, 210.396



51, 29.794, 217.381



5, 6.749, 215.645

Inverse Universe

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



67, 10.501, 328.340



84, 16.212, 328.494



70, 6.244, 85.675



34, 6.079, 328.318



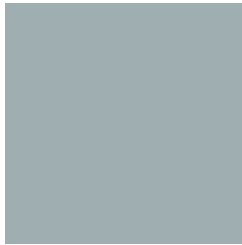
34, 71.205, 333.445



2, 12.344, 329.372

Previews

White Background



This preview shows how the CIE LCh color 70, 5.571, 210.407 looks on a white background.

Color Contrast Check

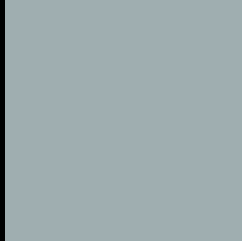
Large Text (above 18pt) WCAG AA × Fail

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 70, 5.571, 210.407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

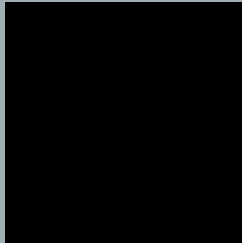
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

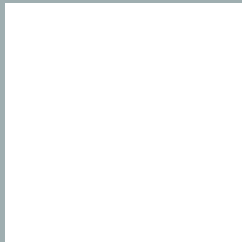
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 5.571, 210.407

Background



This preview shows how black text looks on a background with the CIELCh color 70, 5.571, 210.407.



This preview shows how white text looks on a background with the CIELCh color 70, 5.571, 210.407.

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
70, 5.571, 210.407

Protanopia
70, 2.481, 317.320

Deuteranopia
70, 9.462, 336.315



Tritanopia
70, 8.535, 263.497

Trichromacy



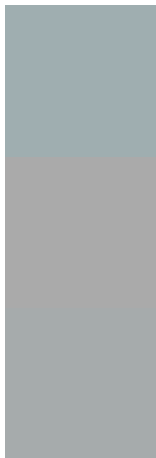
Original Color
70, 5.571, 210.407

Protanomaly
70, 2.446, 263.356

Deuteranomaly
70, 4.951, 317.448

Tritanomaly
70, 6.724, 246.444

Monochromacy



Original Color
70, 5.571, 210.407

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 1.935, 215.969

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 5.571, 210.407 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(159, 174, 176)` looks like.

```
.text, #text, p{  
    color:rgb(159, 174, 176)  
}
```

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(159, 174, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 174, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 5.571, 210.407 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(159, 174, 176) }
```

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

```
.border{ border-color:rgb(159, 174, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 174, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 174, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 174, 176);  
box-shadow:4px 4px 4px 4px rgb(159, 174,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 5.571, 210.407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 174, 176) }
```

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

```
.background{ background-color: rgb(159,  
174, 176) }
```

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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