

Converting Colors

CIELCh(70, 16.358, 239.660)

Have a look what the booklet for
CIELCh(70, 16.358, 239.660)
contains.

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Color

CIELCh(70, 16.386, 238.258)

Conversions

Conversions Part 1

Format	Color
Hex	8AB1C4
RGB	138, 177, 196
RGB Percent	54%, 69%, 77%
CMY	0.4594, 0.3065, 0.2320
CMYK	0.30, 0.10, 0.00, 0.23
HSL	200°, 33%, 65%
HSV	200°, 30%, 77%
XYZ	36.0913, 40.7494, 58.0912
YIQ	167.5050, -29.3430, -2.3590

Conversions

Conversions Part 2

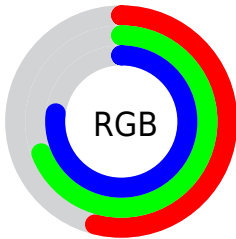
Format	Color
R _Y B	138, 161, 196
Decimal	9089476
CIE Lab	70.00, -8.62, -13.94
CIE LCh	70, 16.386, 238.258
Yxy	40.7494, 0.2675, 0.3020
Android (android.graphics.Color)	4287279556 (0xFF8AB1C4)
YUV	167.5050, 14.0480, -25.8759
Hunter-Lab	63.8353, -10.7910, -9.2703

Details

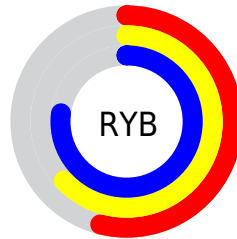
The CIELCh color **70, 16.386, 238.258** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68, 19.356, 52.843**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 16.404, 238.257**, and **50, 16.336, 238.850** is the 20% darker color. If you saturate the color by 10%, you get **67, 21.296, 239.930**, and if you desaturate by 10%, it is **73, 11.121, 236.923**.

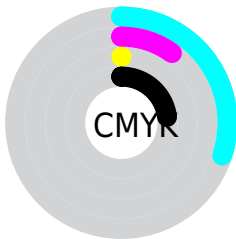
Distribution



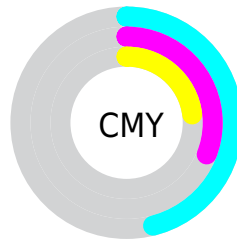
- Red (54%)
- Green (69%)
- Blue (77%)



- Red (54%)
- Yellow (63%)
- Blue (77%)



- Cyan (30%)
- Magenta (10%)
- Yellow (0%)
- Black (23%)





- Cyan (46%)
- Magenta (31%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 16.386, 238.258 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, 16.386, 238.258 by changing the saturation by 10% instead.


 70, 16.386,
238.258


 70, 16.386,
238.258


 100, 16.386,
238.258


 60, 16.386,
238.258


 90, 16.386,
238.258

 50, 16.386,
238.258

 40, 16.386,
238.258

 30, 16.386,
238.258

 20, 16.386,
238.258

 10, 16.386,
238.258

 0, 16.386, 238.258

70, 16.386,
238.258

70, 16.386,
238.258

67, 21.296,
239.930

73, 11.121,
236.923

64, 25.794,
242.025

76, 5.565, 235.891

79, 0.223, 52.780

62, 29.836,
244.627

82, 6.190, 54.175

59, 33.410,
247.819

86, 12.289, 53.657

57, 36.551,
251.664

89, 18.366, 53.448

90, 18.578, 65.772

54, 39.358,
256.166

92, 19.621, 77.249

52, 42.032,
261.115

94, 21.364, 87.154

52, 42.139,

Harmonies

Complementary

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



70, 16.386, 238.258



68, 19.356, 52.843

Rectangle

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



70, 16.386, 238.258



70, 16.386, 288.258



70, 16.386, 58.258



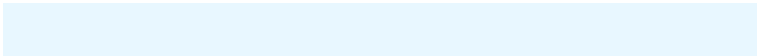
70, 16.386, 108.258

Sweetspot

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



70, 16.385, 238.254



96, 6.461, 235.851



74, 30.370, 152.565



51, 4.477, 235.981



0, 0.000, 0.000



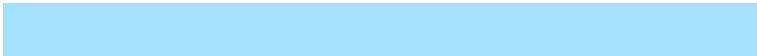
53, 0.007, 296.813

Same Dimension

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



70, 16.385, 238.254



86, 24.202, 239.378



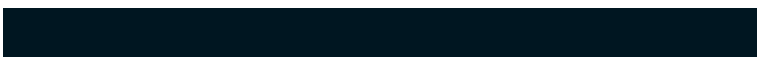
62, 26.688, 285.484



39, 3.255, 235.869



43, 36.083, 260.477



6, 10.776, 249.507

Inverse Universe

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



64, 30.510, 337.621



78, 45.837, 338.217



75, 25.688, 97.998



38, 5.742, 336.038



35, 64.377, 346.701



3, 17.838, 341.872

Previews

White Background



This preview shows how the CIELCh color 70, 16.386, 238.258 looks on a white background.

Color Contrast Check

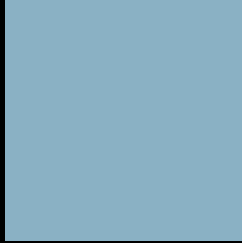
Large Text (above 18pt) WCAG AA × Fail

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 70, 16.386, 238.258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

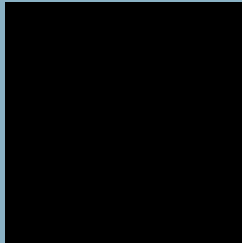
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 16.386, 238.258

Background



This preview shows how black text looks on a background with the CIELCh color 70, 16.386, 238.258.

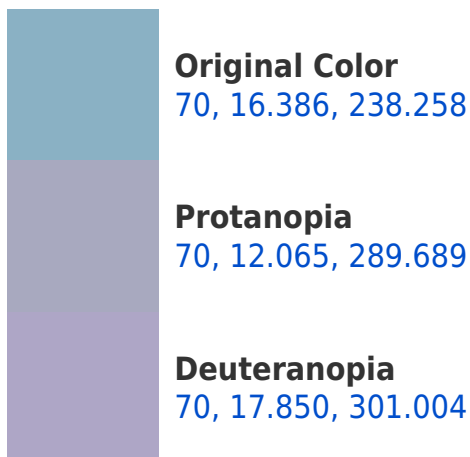


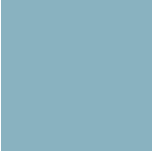
This preview shows how white text looks on a background with the CIELCh color 70, 16.386, 238.258.

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





Tritanopia
70, 15.589, 228.087

Trichromacy



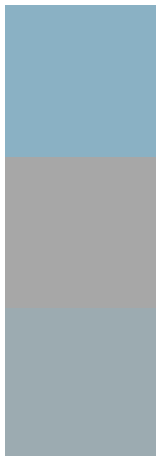
Original Color
70, 16.386, 238.258

Protanomaly
70, 12.506, 266.566

Deuteranomaly
70, 15.051, 279.659

Tritanomaly
70, 15.812, 229.952

Monochromacy



Original Color
70, 16.386, 238.258

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 6.300, 230.695

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 16.386, 238.258 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(138, 177, 196)` looks like.

```
.text, #text, p{  
    color:rgb(138, 177, 196)  
}
```

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(138, 177, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 177, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 16.386, 238.258 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(138, 177, 196) }
```

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

```
.border{ border-color:rgb(138, 177, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 177, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 177, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 177, 196);  
box-shadow:4px 4px 4px 4px rgb(138, 177,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 16.386, 238.258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 177, 196) }
```

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

```
.background{ background-color: rgb(138,  
177, 196) }
```

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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