

Converting Colors

CIELCh(69, 18.162, 238.186)

Have a look what the booklet for
CIELCh(69, 18.162, 238.186)
contains.

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Color

CIELCh(69, 18.162, 238.186)

Conversions

Conversions Part 1

Format	Color
Hex	83AFC4
RGB	131, 175, 196
RGB Percent	51%, 69%, 77%
CMY	0.4872, 0.3147, 0.2324
CMYK	0.33, 0.11, 0.00, 0.23
HSL	199°, 35%, 64%
HSV	199°, 33%, 77%
XYZ	34.5399, 39.3444, 57.8490
YIQ	164.2380, -32.9650, -2.7970

Conversions

Conversions Part 2

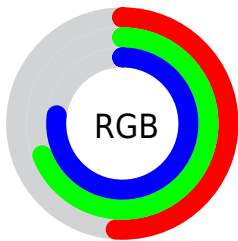
Format	Color
RYB	131, 157, 196
Decimal	8630212
CIELab	69.00, -9.57, -15.43
CIElCh	69, 18.162, 238.186
Yxy	39.3444, 0.2622, 0.2987
Android (android.graphics.Color)	4286820292 (0xFF83AFC4)
YUV	164.2380, 15.6587, -29.1497
Hunter-Lab	62.7251, -11.4770, -10.7733

Details

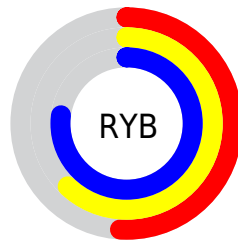
The CIELCh color **69, 18.162, 238.186** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66, 22.005, 52.133**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 18.171, 237.971**, and **49, 17.977, 236.870** is the 20% darker color. If you saturate the color by 10%, you get **66, 22.910, 239.975**, and if you desaturate by 10%, it is **72, 13.031, 236.758**.

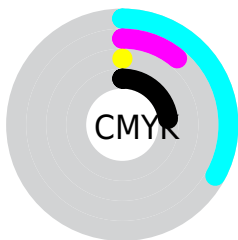
Distribution



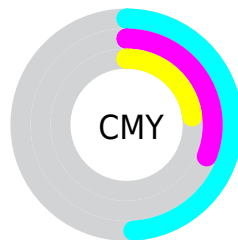
- Red (51%)
- Green (69%)
- Blue (77%)



- Red (51%)
- Yellow (62%)
- Blue (77%)



- Cyan (33%)
- Magenta (11%)
- Yellow (0%)
- Black (23%)





- Cyan (49%)
- Magenta (31%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 18.162, 238.186 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, 18.162, 238.186 by changing the saturation by 10% instead.

 69, 18.162,
238.186


 69, 18.162,
238.186

 100, 18.162,
238.186


 59, 18.162,
238.186


 89, 18.162,
238.186

 49, 18.162,
238.186

 99, 18.162,
238.186

 39, 18.162,
238.186

 29, 18.162,
238.186

 19, 18.162,
238.186

 9, 18.162, 238.186

 0, 18.162, 238.186

69, 18.162,
238.186

69, 18.162,
238.186

66, 22.910,
239.975

72, 13.031,
236.758

63, 27.220,
242.215

75, 7.582, 235.640

78, 1.876, 234.922

61, 31.057,
244.991

81, 4.030, 53.813

58, 34.421,
248.383

84, 10.087, 53.299

56, 37.367,
252.441

88, 16.253, 52.846

90, 18.414, 60.676

54, 40.017,
257.142

91, 19.105, 72.445

53, 41.789,
260.510

93, 20.538, 82.928

Harmonies

Complementary

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



69, 18.162, 238.186



66, 22.005, 52.133

Rectangle

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



69, 18.162, 238.186



69, 18.162, 288.186



69, 18.162, 58.186



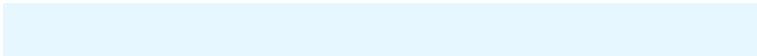
69, 18.162, 108.186

Sweetspot

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



69, 18.161, 238.182



96, 7.162, 235.359



74, 33.982, 152.200



51, 4.873, 235.487



0, 0.000, 0.000



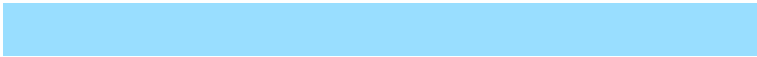
53, 0.007, 296.813

Same Dimension

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



69, 18.161, 238.182



85, 26.514, 239.475



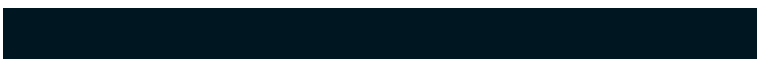
60, 30.085, 286.120



39, 3.254, 235.291



43, 35.804, 259.688



6, 10.739, 248.820

Inverse Universe

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



62, 34.269, 337.720



76, 50.911, 338.371



75, 28.789, 97.573



38, 5.760, 335.846



35, 64.550, 346.358



3, 17.906, 341.600

Previews

White Background



This preview shows how the CIE LCh color 69, 18.162, 238.186 looks on a white background.

Color Contrast Check

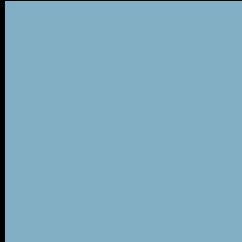
Large Text (above 18pt) WCAG AA × Fail

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 69, 18.162, 238.186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

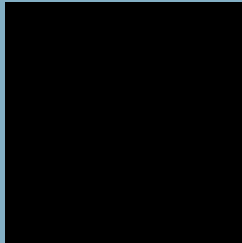
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

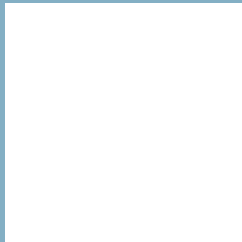
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 18.162, 238.186

Background



This preview shows how black text looks on a background with the CIELCh color 69, 18.162, 238.186.



This preview shows how white text looks on a background with the CIELCh color 69, 18.162, 238.186.

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, 18.162, 238.186

Protanopia
69, 12.667, 286.628

Deuteranopia
69, 18.876, 298.435



Tritanopia
69, 17.212, 225.009

Trichromacy



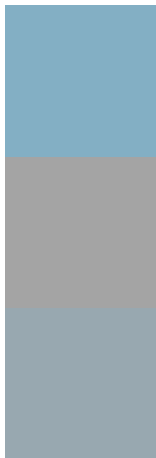
Original Color
69, 18.162, 238.186

Protanomaly
69, 13.433, 263.689

Deuteranomaly
69, 16.352, 277.142

Tritanomaly
69, 17.352, 228.976

Monochromacy



Original Color
69, 18.162, 238.186

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 7.186, 237.011

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 18.162, 238.186 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(131, 175, 196)` looks like.

```
.text, #text, p{  
    color:rgb(131, 175, 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(131, 175, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 175, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 18.162, 238.186 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(131, 175, 196) }
```

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

```
.border{ border-color:rgb(131, 175, 196) }
```

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

Here you see how a box with a 4 pixel rgb(131, 175, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 175, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 175, 196);  
box-shadow:4px 4px 4px 4px rgb(131, 175,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 18.162, 238.186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 175, 196) }
```

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

```
.background{ background-color: rgb(131,  
175, 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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