

Converting Colors

CIELCh(69, 15.660, 236.939)

Have a look what the booklet for
CIELCh(69, 15.660, 236.939)
contains.

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Color

CIELCh(69, 15.878, 237.345)

Conversions

Conversions Part 1

Format	Color
Hex	88AEC0
RGB	136, 174, 192
RGB Percent	53%, 68%, 75%
CMY	0.4664, 0.3174, 0.2468
CMYK	0.29, 0.09, 0.00, 0.25
HSL	199°, 31%, 64%
HSV	199°, 29%, 75%
XYZ	34.8331, 39.3444, 55.6645
YIQ	164.6900, -28.4260, -2.4580

Conversions

Conversions Part 2

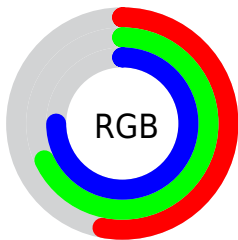
Format	Color
RYB	136, 159, 192
Decimal	8957632
CIELab	69.00, -8.57, -13.37
CIElCh	69, 15.878, 237.345
Yxy	39.3444, 0.2683, 0.3030
Android (android.graphics.Color)	4287147712 (0xFF88AEC0)
YUV	164.6900, 13.4638, -25.1611
Hunter-Lab	62.7251, -10.6425, -8.7085

Details

The CIELCh color **69, 15.878, 237.345** is a light color, and the websafe version is hex **669999**. A complement of this color would be **67, 18.743, 52.191**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 15.671, 238.155**, and **49, 16.047, 237.100** is the 20% darker color. If you saturate the color by 10%, you get **66, 20.708, 238.963**, and if you desaturate by 10%, it is **72, 10.694, 236.056**.

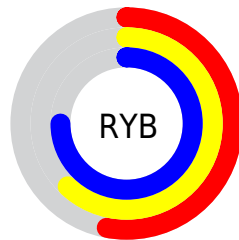
Distribution



Red (53%)

Green (68%)

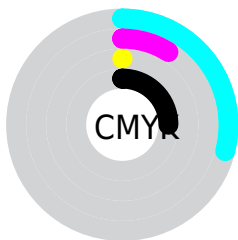
Blue (75%)



Red (53%)

Yellow (62%)

Blue (75%)

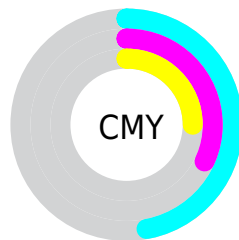


Cyan (29%)

Magenta (9%)

Yellow (0%)

Black (25%)



Cyan (47%)


Magenta (32%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 15.878, 237.345 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, 15.878, 237.345 by changing the saturation by 10% instead.


 69, 15.878,
237.345


 69, 15.878,
237.345


 100, 15.878,
237.345


 59, 15.878,
237.345


 89, 15.878,
237.345

 49, 15.878,
237.345

 99, 15.878,
237.345

 39, 15.878,
237.345

 29, 15.878,
237.345

 19, 15.878,
237.345

 9, 15.878, 237.345

 0, 15.878, 237.345

69, 15.878,
237.345

69, 15.878,
237.345

66, 20.708,
238.963

72, 10.694,
236.056

63, 25.127,
240.997

75, 5.220, 235.068

78, 0.484, 53.160

61, 29.088,
243.529

81, 6.366, 53.413

58, 32.575,
246.644

84, 12.379, 52.919

56, 35.618,
250.409

87, 18.486, 52.505

89, 19.676, 61.433

54, 38.307,
254.838

91, 20.356, 72.187

52, 40.834,
259.751

92, 21.704, 81.879

52, 41.056,

Harmonies

Complementary

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



69, 15.878, 237.345



67, 18.743, 52.191

Rectangle

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



69, 15.878, 237.345



69, 15.878, 287.345



69, 15.878, 57.345



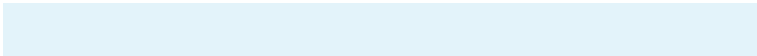
69, 15.878, 107.345

Sweetspot

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



69, 15.878, 237.341



95, 6.354, 235.066



73, 29.438, 152.614



50, 4.401, 235.192



99, 0.012, 296.813



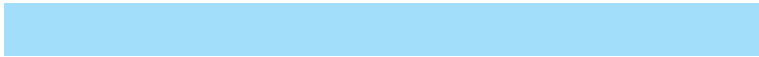
52, 0.007, 296.813

Same Dimension

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



69, 15.878, 237.341



85, 23.176, 238.336



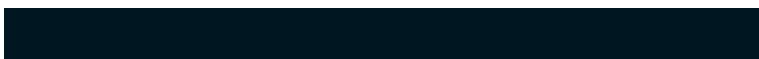
61, 25.844, 285.399



39, 3.254, 235.086



44, 35.707, 259.406



6, 10.726, 248.575

Inverse Universe

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



63, 29.693, 337.307



77, 44.048, 337.845



74, 24.894, 98.056



38, 5.767, 335.778



35, 64.613, 346.237



3, 17.930, 341.504

Previews

White Background



This preview shows how the CIELCh color 69, 15.878, 237.345 looks on a white background.

Color Contrast Check

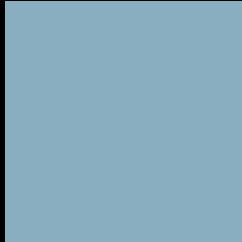
Large Text (above 18pt) WCAG AA × Fail

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, 15.878, 237.345 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, 15.878, 237.345

Background



This preview shows how black text looks on a background with the CIELCh color 69, 15.878, 237.345.



This preview shows how white text looks on a background with the CIELCh color 69, 15.878, 237.345.

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

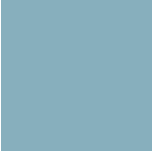
69, 15.878, 237.345

Protanopia

69, 11.005, 287.555

Deuteranopia

69, 16.807, 301.551



Tritanopia
69, 15.345, 228.720

Trichromacy



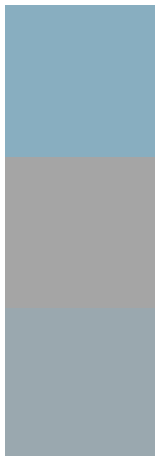
Original Color
69, 15.878, 237.345

Protanomaly
69, 11.708, 262.576

Deuteranomaly
69, 14.016, 278.582

Tritanomaly
69, 15.575, 230.610

Monochromacy



Original Color
69, 15.878, 237.345

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 6.315, 236.847

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 15.878, 237.345 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(136, 174, 192)` looks like.

```
.text, #text, p{  
    color:rgb(136, 174, 192)  
}
```

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(136, 174, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 174, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 15.878, 237.345 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(136, 174, 192) }
```

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

```
.border{ border-color:rgb(136, 174, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 174, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 174, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 174, 192);  
box-shadow:4px 4px 4px 4px rgb(136, 174,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 15.878, 237.345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 174, 192) }
```

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

```
.background{ background-color: rgb(136,  
174, 192) }
```

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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