

Converting Colors

CIELCh(69, 16.091, 229.397)

Have a look what the booklet for
CIELCh(69, 16.091, 229.397)
contains.

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Color

CIELCh(69, 16.099, 229.414)

Conversions

Conversions Part 1

Format	Color
Hex	85AFBE
RGB	133, 175, 190
RGB Percent	52%, 69%, 75%
CMY	0.4786, 0.3139, 0.2551
CMYK	0.30, 0.08, 0.00, 0.26
HSL	196°, 30%, 63%
HSV	196°, 30%, 74%
XYZ	34.2793, 39.3444, 54.4803
YIQ	164.1520, -29.8470, -4.2390

Conversions

Conversions Part 2

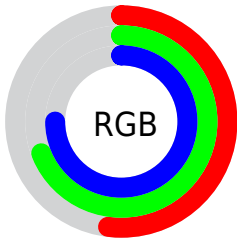
Format	Color
RYB	133, 157, 190
Decimal	8761278
CIELab	69.00, -10.47, -12.23
CIElCh	69, 16.099, 229.414
Yxy	39.3444, 0.2676, 0.3071
Android (android.graphics.Color)	4286951358 (0xFF85AFBE)
YUV	164.1520, 12.7431, -27.3203
Hunter-Lab	62.7251, -12.2185, -7.5891

Details

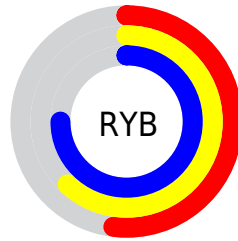
The CIELCh color **69, 16.099, 229.414** is a light color, and the websafe version is hex **669999**. A complement of this color would be **65, 19.502, 45.782**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 16.179, 227.623**, and **49, 16.234, 228.789** is the 20% darker color. If you saturate the color by 10%, you get **67, 20.714, 230.707**, and if you desaturate by 10%, it is **72, 11.059, 228.416**.

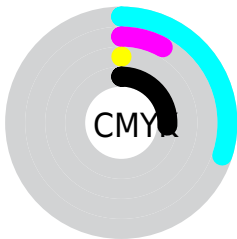
Distribution



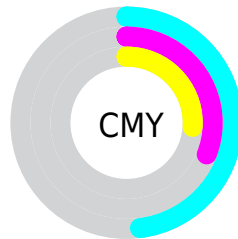
- Red (52%)
- Green (69%)
- Blue (75%)



- Red (52%)
- Yellow (62%)
- Blue (75%)



- Cyan (30%)
- Magenta (8%)
- Yellow (0%)
- Black (26%)





- Cyan (48%)
- Magenta (31%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 16.099, 229.414 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, 16.099, 229.414 by changing the saturation by 10% instead.

 69, 16.099,
229.414


 69, 16.099,
229.414


 100, 16.099,
229.414


 59, 16.099,
229.414


 89, 16.099,
229.414

 49, 16.099,
229.414

 99, 16.099,
229.414

 39, 16.099,
229.414

 29, 16.099,
229.414

 19, 16.099,
229.414

 9, 16.099, 229.414

 0, 16.099, 229.414

69, 16.099,
229.414

69, 16.099,
229.414

67, 20.714,
230.707

72, 11.059,
228.416

64, 24.833,
232.380

74, 5.672, 227.687

77, 0.011, 283.230

62, 28.394,
234.511

80, 5.875, 46.483

60, 31.364,
237.192

83, 11.917, 46.197

58, 33.758,
240.508

86, 18.076, 45.969

88, 20.443, 50.803

56, 35.651,
244.509

89, 20.347, 59.501

55, 37.261,
249.036

90, 20.726, 68.060

Harmonies

Complementary

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



69, 16.099, 229.414



65, 19.502, 45.782

Rectangle

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



69, 16.099, 229.414



69, 16.099, 279.414



69, 16.099, 49.414



69, 16.099, 99.414

Sweetspot

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



69, 16.099, 229.410



94, 6.335, 227.638



72, 31.576, 150.010



50, 4.423, 227.724



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, 16.099, 229.410



86, 23.397, 230.225



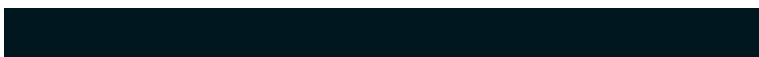
61, 24.347, 281.592



39, 3.200, 227.649



46, 32.382, 248.305



6, 9.520, 239.488

Inverse Universe

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



62, 31.513, 334.893



76, 46.702, 335.395



72, 23.839, 93.600



37, 5.881, 333.415



35, 66.314, 342.040



3, 16.611, 337.694

Previews

White Background



This preview shows how the CIELCh color 69, 16.099, 229.414 looks on a white background.

Color Contrast Check

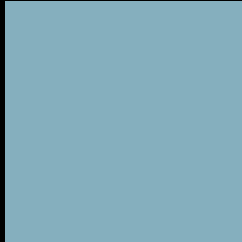
Large Text (above 18pt) WCAG AA × Fail

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, 16.099, 229.414 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

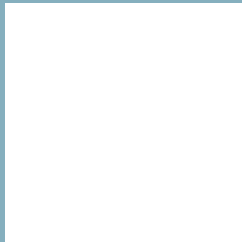
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 16.099, 229.414

Background



This preview shows how black text looks on a background with the CIELCh color 69, 16.099, 229.414.



This preview shows how white text looks on a background with the CIELCh color 69, 16.099, 229.414.

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
69, 15.881, 227.565

Trichromacy



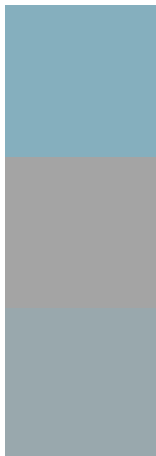
Original Color
69, 16.099, 229.414

Protanomaly
69, 10.776, 259.538

Deuteranomaly
69, 13.034, 275.829

Tritanomaly
69, 15.881, 227.565

Monochromacy



Original Color
69, 16.099, 229.414

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 6.072, 226.110

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 16.099, 229.414 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(133, 175, 190)` looks like.

```
.text, #text, p{  
    color:rgb(133, 175, 190)  
}
```

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(133, 175, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 175, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 16.099, 229.414 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(133, 175, 190) }
```

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

```
.border{ border-color:rgb(133, 175, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 175, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 175, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 175, 190);  
box-shadow:4px 4px 4px 4px rgb(133, 175,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 16.099, 229.414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 175, 190) }
```

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

```
.background{ background-color: rgb(133,  
175, 190) }
```

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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