

Converting Colors

CIELCh(69, 8.002, 237.653)

Have a look what the booklet for
CIELCh(69, 8.002, 237.653) contains.

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Color

CIELCh(69, 8.029, 237.155)

Conversions

Conversions Part 1

Format	Color
Hex	99ABB4
RGB	153, 171, 180
RGB Percent	60%, 67%, 71%
CMY	0.3989, 0.3282, 0.2930
CMYK	0.15, 0.05, 0.00, 0.29
HSL	200°, 15%, 65%
HSV	200°, 15%, 71%
XYZ	36.0780, 39.3444, 49.0312
YIQ	166.6440, -13.6170, -1.0170

Conversions

Conversions Part 2

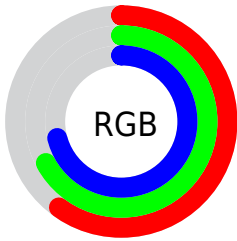
Format	Color
RYB	153, 164, 180
Decimal	10070964
CIELab	69.00, -4.35, -6.75
CIElCh	69, 8.029, 237.155
Yxy	39.3444, 0.2899, 0.3161
Android (android.graphics.Color)	4288261044 (0xFF99ABB4)
YUV	166.6440, 6.5845, -11.9658
Hunter-Lab	62.7251, -7.0999, -2.4385

Details

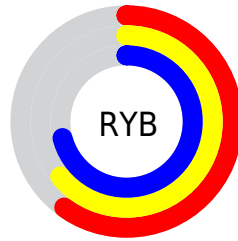
The CIELCh color $69, 8.029, 237.155$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 8.667, 54.486$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 7.996, 239.912$, and $49, 7.840, 235.855$ is the 20% darker color. If you saturate the color by 10%, you get $66, 13.098, 238.349$, and if you desaturate by 10%, it is $72, 2.721, 236.267$.

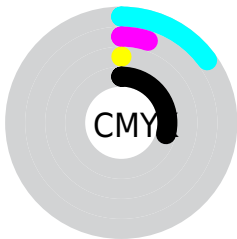
Distribution



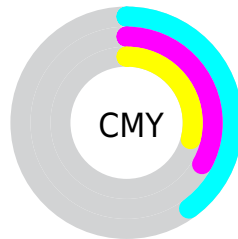
- Red (60%)
- Green (67%)
- Blue (71%)



- Red (60%)
- Yellow (64%)
- Blue (71%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (29%)



- Cyan (40%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 8.029, 237.155 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, 8.029, 237.155 by changing the saturation by 10% instead.

■ 69, 8.029, 237.155

■ 69, 8.029, 237.155

■ 100, 8.029,
237.155

■ 59, 8.029, 237.155

■ 89, 8.029, 237.155

■ 49, 8.029, 237.155

■ 99, 8.029, 237.155

■ 39, 8.029, 237.155

■ 29, 8.029, 237.155

■ 19, 8.029, 237.155

■ 9, 8.029, 237.155

■ 0, 8.029, 237.155

■ 69, 8.029, 237.155

■ 69, 8.029, 237.155

■ 66, 13.098,

■ 72, 2.721, 236.267

238.349

75, 2.775, 55.145

63, 17.872,
239.871

78, 8.412, 54.612

61, 22.295,
241.772

81, 14.153, 54.113

58, 26.322,
244.133

84, 19.965, 53.698

56, 29.925,
247.039

87, 23.663, 56.689

53, 33.116,
250.564

88, 23.916, 65.605

90, 24.739, 74.104

51, 35.956,
254.741

91, 26.075, 81.856

49, 38.567,
259.525

48, 39.895,
261.959

Harmonies

Complementary

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



69, 8.029, 237.155



68, 8.667, 54.486

Rectangle

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



69, 8.029, 237.155



69, 8.029, 287.155



69, 8.029, 57.155



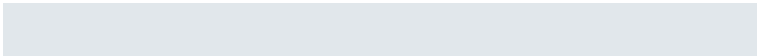
69, 8.029, 107.155

Sweetspot

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



69, 8.029, 237.144



91, 2.712, 236.224



71, 14.370, 153.894



48, 1.923, 236.258



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



69, 8.029, 237.144



86, 11.867, 237.512



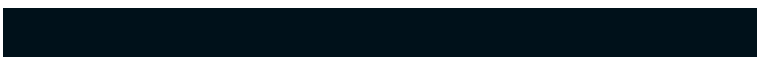
65, 12.338, 283.221



36, 3.044, 236.592



41, 35.080, 261.233



4, 7.724, 248.701

Inverse Universe

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



66, 14.307, 336.703



82, 21.335, 336.958



71, 12.114, 99.708



35, 5.342, 336.275



33, 61.951, 347.036



2, 11.881, 340.583

Previews

White Background



This preview shows how the CIELCh color 69, 8.029, 237.155 looks on a white background.

Color Contrast Check

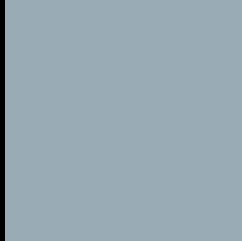
Large Text (above 18pt) WCAG AA × Fail

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, 8.029, 237.155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

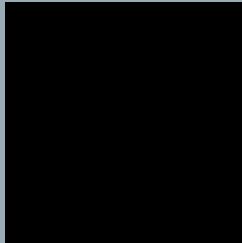
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

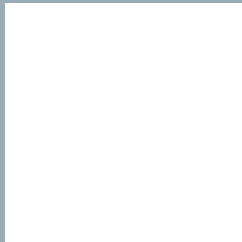
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 8.029, 237.155

Background



This preview shows how black text looks on a background with the CIELCh color 69, 8.029, 237.155.



This preview shows how white text looks on a background with the CIELCh color 69, 8.029, 237.155.

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, 8.029, 237.155

Protanopia

69, 6.067, 294.275

Deuteranopia

69, 11.888, 318.932



Tritanopia
69, 9.227, 249.971

Trichromacy



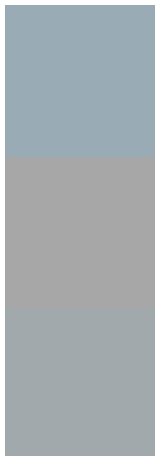
Original Color
69, 8.029, 237.155

Protanomaly
69, 5.873, 268.857

Deuteranomaly
69, 8.344, 298.571

Tritanomaly
69, 8.832, 247.516

Monochromacy



Original Color
69, 8.029, 237.155

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 3.051, 232.114

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 8.029, 237.155 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(153, 171, 180)` looks like.

```
.text, #text, p{  
    color:rgb(153, 171, 180)  
}
```

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(153, 171, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 171, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 8.029, 237.155 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(153, 171, 180) }
```

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

```
.border{ border-color:rgb(153, 171, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 171, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 171, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 171, 180);  
box-shadow:4px 4px 4px 4px rgb(153, 171,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 8.029, 237.155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 171, 180) }
```

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

```
.background{ background-color: rgb(153,  
171, 180) }
```

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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