

Converting Colors

CIELCh(69, 6.856, 248.436)

Have a look what the booklet for
CIELCh(69, 6.856, 248.436) contains.

CIELCh(69, 7.138, 249.656)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(69, 7.138, 249.656)

Conversions

Conversions Part 1

Format	Color
Hex	9DAAB4
RGB	157, 170, 180
RGB Percent	62%, 67%, 71%
CMY	0.3833, 0.3323, 0.2931
CMYK	0.13, 0.06, 0.00, 0.29
HSL	206°, 13%, 66%
HSV	206°, 13%, 71%
XYZ	36.6409, 39.3444, 48.9806
YIQ	167.2530, -10.9580, 0.3540

Conversions

Conversions Part 2

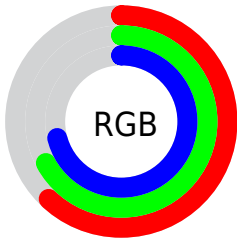
Format	Color
RYB	157, 165, 180
Decimal	10332852
CIELab	69.00, -2.48, -6.69
CIElCh	69, 7.138, 249.656
Yxy	39.3444, 0.2932, 0.3148
Android (android.graphics.Color)	4288522932 (0xFF9DAAB4)
YUV	167.2530, 6.2843, -8.9919
Hunter-Lab	62.7251, -5.4980, -2.3907

Details

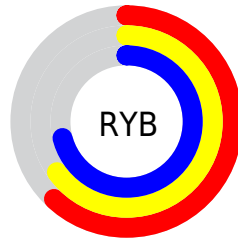
The CIELCh color $69, 7.138, 249.656$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 7.463, 66.587$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 7.205, 252.117$, and $49, 6.895, 249.354$ is the 20% darker color. If you saturate the color by 10%, you get $66, 12.580, 251.121$, and if you desaturate by 10%, it is $72, 1.564, 248.586$.

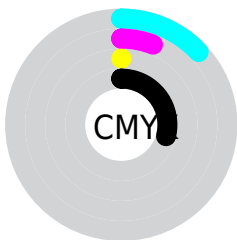
Distribution



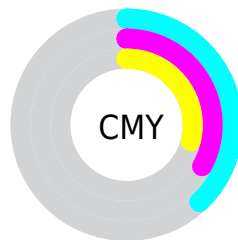
- Red (62%)
- Green (67%)
- Blue (71%)



- Red (62%)
- Yellow (65%)
- Blue (71%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (29%)



- Cyan (38%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 7.138, 249.656 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, 7.138, 249.656 by changing the saturation by 10% instead.

■ 69, 7.138, 249.656

■ 69, 7.138, 249.656

■ 100, 7.138,
249.656

■ 59, 7.138, 249.656

■ 89, 7.138, 249.656

■ 49, 7.138, 249.656

■ 99, 7.138, 249.656

■ 39, 7.138, 249.656

■ 29, 7.138, 249.656

■ 19, 7.138, 249.656

■ 9, 7.138, 249.656

■ 0, 7.138, 249.656

■ 69, 7.138, 249.656

■ 69, 7.138, 249.656

■ 66, 12.580,

■ 72, 1.564, 248.586

251.121



76, 4.107, 67.195

62, 17.858,
252.919



79, 9.845, 66.364

59, 22.938,
255.094



83, 15.625, 65.626

56, 27.797,
257.712



86, 21.426, 64.988

53, 32.432,
260.837



91, 26.024, 81.549

50, 36.871,
264.510



93, 28.381, 90.332

47, 41.181,
268.721

44, 45.469,
273.377

42, 48.662,
276.778

Harmonies

Complementary

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



69, 7.138, 249.656



69, 7.463, 66.587

Rectangle

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



69, 7.138, 249.656



69, 7.138, 299.656



69, 7.138, 69.656



69, 7.138, 119.656

Sweetspot

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



69, 7.137, 249.643



91, 2.799, 248.657



71, 11.211, 159.242



48, 1.986, 248.719



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, 7.137, 249.643



87, 10.364, 249.983



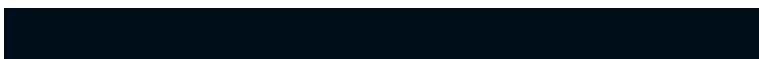
66, 11.915, 288.769



36, 3.154, 249.206



36, 42.635, 276.092



4, 8.320, 260.238

Inverse Universe

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



67, 11.335, 341.264



84, 16.542, 341.478



72, 11.622, 106.076



35, 4.973, 340.971



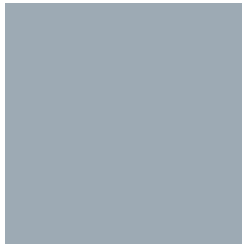
33, 58.998, 355.388



2, 11.039, 346.209

Previews

White Background



This preview shows how the CIELCh color 69, 7.138, 249.656 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, 7.138, 249.656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

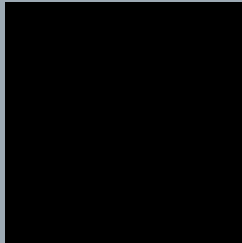
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

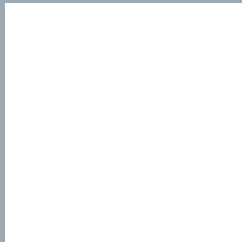
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 7.138, 249.656

Background



This preview shows how black text looks on a background with the CIELCh color 69, 7.138, 249.656.



This preview shows how white text looks on a background with the CIELCh color 69, 7.138, 249.656.

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

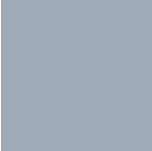
69, 7.138, 249.656

Protanopia

69, 6.067, 294.275

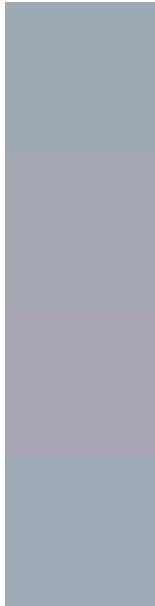
Deuteranopia

69, 11.888, 318.932



Tritanopia
69, 8.245, 259.438

Trichromacy



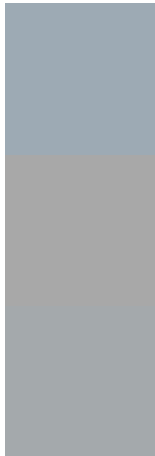
Original Color
69, 7.138, 249.656

Protanomaly
69, 6.194, 277.154

Deuteranomaly
69, 8.405, 301.051

Tritanomaly
69, 7.790, 257.213

Monochromacy



Original Color
69, 7.138, 249.656

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 2.466, 241.466

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 7.138, 249.656 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(157, 170, 180)` looks like.

```
.text, #text, p{  
    color:rgb(157, 170, 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(157, 170, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 170, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 7.138, 249.656 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(157, 170, 180) }
```

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

```
.border{ border-color:rgb(157, 170, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 170, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 170, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 170, 180);  
box-shadow:4px 4px 4px 4px rgb(157, 170,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 7.138, 249.656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 170, 180) }
```

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

```
.background{ background-color: rgb(157,  
170, 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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