

Converting Colors

CIELCh(69, 7.474, 219.881)

Have a look what the booklet for
CIELCh(69, 7.474, 219.881) contains.

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Color

CIELCh(69, 7.657, 219.984)

Conversions

Conversions Part 1

Format	Color
Hex	98ACB1
RGB	152, 172, 177
RGB Percent	60%, 67%, 69%
CMY	0.4040, 0.3256, 0.3060
CMYK	0.14, 0.03, 0.00, 0.31
HSL	192°, 14%, 65%
HSV	192°, 14%, 69%
XYZ	35.6278, 39.3444, 47.3006
YIQ	166.5900, -13.5250, -2.6850

Conversions

Conversions Part 2

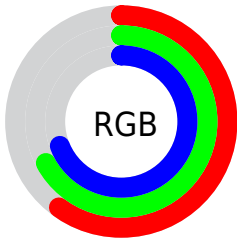
Format	Color
RYB	152, 163, 177
Decimal	10005681
CIELab	69.00, -5.87, -4.92
CIELCh	69, 7.657, 219.984
Yxy	39.3444, 0.2914, 0.3218
Android (android.graphics.Color)	4288195761 (0xFF98ACB1)
YUV	166.5900, 5.1321, -12.7954
Hunter-Lab	62.7251, -8.3812, -0.8026

Details

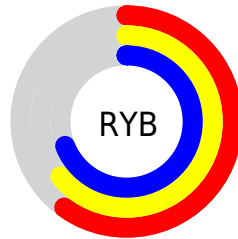
The CIELCh color $69, 7.657, 219.984$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 8.371, 39.175$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 7.824, 222.637$, and $49, 7.543, 216.929$ is the 20% darker color. If you saturate the color by 10%, you get $67, 12.694, 220.449$, and if you desaturate by 10%, it is $71, 2.293, 219.782$.

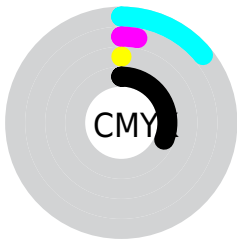
Distribution



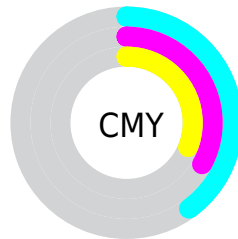
- Red (60%)
- Green (67%)
- Blue (69%)



- Red (60%)
- Yellow (64%)
- Blue (69%)



- Cyan (14%)
- Magenta (3%)
- Yellow (0%)
- Black (31%)



- Cyan (40%)
- Magenta (33%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 7.657, 219.984 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, 7.657, 219.984 by changing the saturation by 10% instead.

■ 69, 7.657, 219.984

■ 69, 7.657, 219.984

■ 100, 7.657,
219.984

■ 59, 7.657, 219.984

■ 89, 7.657, 219.984

■ 49, 7.657, 219.984

■ 99, 7.657, 219.984

■ 39, 7.657, 219.984

■ 29, 7.657, 219.984

■ 19, 7.657, 219.984

■ 9, 7.657, 219.984

■ 0, 7.657, 219.984

■ 69, 7.657, 219.984

■ 69, 7.657, 219.984

■ 67, 12.694,

■ 71, 2.293, 219.782

220.449

74, 3.328, 39.200

65, 17.323,
221.145

76, 9.144, 39.176

63, 21.463,
222.105

78, 15.103, 39.153

61, 25.034,
223.389

81, 21.162, 39.176

59, 27.973,
225.071

83, 26.062, 40.038

58, 30.246,
227.232

84, 25.475, 44.720

56, 31.866,
229.950

85, 25.071, 49.591

55, 32.908,
233.284

54, 33.394,
235.410

Harmonies

Complementary

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



69, 7.657, 219.984



66, 8.371, 39.175

Rectangle

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



69, 7.657, 219.984



69, 7.657, 269.984



69, 7.657, 39.984



69, 7.657, 89.984

Sweetspot

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



69, 7.657, 219.972



90, 2.747, 219.783



70, 14.720, 149.043



48, 1.947, 219.770



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



69, 7.657, 219.972



86, 11.284, 220.100



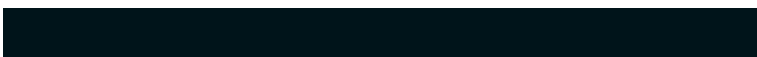
66, 9.831, 274.325



37, 3.131, 219.822



47, 29.964, 234.915



5, 7.508, 229.225

Inverse Universe

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



66, 14.594, 331.379



81, 21.729, 331.585



69, 9.827, 90.685



35, 5.876, 331.067



34, 67.736, 337.975



2, 13.326, 333.569

Previews

White Background



This preview shows how the CIELCh color 69, 7.657, 219.984 looks on a white background.

Color Contrast Check

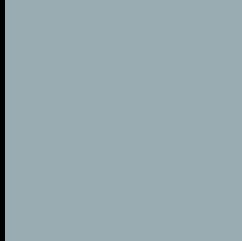
Large Text (above 18pt) WCAG AA × Fail

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, 7.657, 219.984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

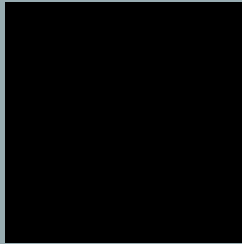
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

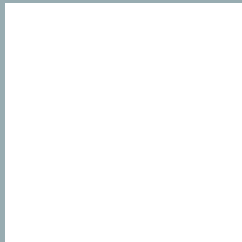
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 7.657, 219.984

Background



This preview shows how black text looks on a background with the CIELCh color 69, 7.657, 219.984.



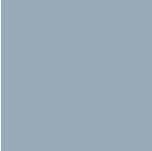
This preview shows how white text looks on a background with the CIELCh color 69, 7.657, 219.984.

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, 9.448, 248.343

Trichromacy



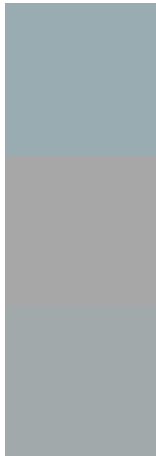
Original Color
69, 7.657, 219.984

Protanomaly
69, 3.937, 256.362

Deuteranomaly
69, 6.789, 303.407

Tritanomaly
69, 8.352, 240.294

Monochromacy



Original Color
69, 7.657, 219.984

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 2.807, 222.440

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 7.657, 219.984 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(152, 172, 177)` looks like.

```
.text, #text, p{  
    color:rgb(152, 172, 177)  
}
```

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(152, 172, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 172, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 7.657, 219.984 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(152, 172, 177) }
```

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

```
.border{ border-color:rgb(152, 172, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 172, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 172, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 172, 177);  
box-shadow:4px 4px 4px 4px rgb(152, 172,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 7.657, 219.984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 172, 177) }
```

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

```
.background{ background-color: rgb(152,  
172, 177) }
```

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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