

Converting Colors

CIELCh(69, 8.843, 224.291)

Have a look what the booklet for
CIELCh(69, 8.843, 224.291) contains.

CIELCh(69, 8.668, 225.294)	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, 8.668, 225.294)

Conversions

Conversions Part 1

Format	Color
Hex	96ACB3
RGB	150, 172, 179
RGB Percent	59%, 67%, 70%
CMY	0.4110, 0.3247, 0.2973
CMYK	0.16, 0.04, 0.00, 0.30
HSL	194°, 16%, 65%
HSV	194°, 16%, 70%
XYZ	35.5594, 39.3444, 48.4721
YIQ	166.2200, -15.3590, -2.4870

Conversions

Conversions Part 2

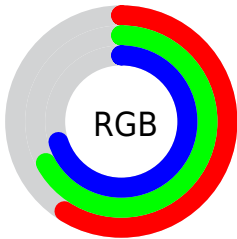
Format	Color
R_{YB}	150, 163, 179
Decimal	9874611
CIE _{Lab}	69.00, -6.10, -6.16
CIE _{LCh}	69, 8.668, 225.294
Yxy	39.3444, 0.2882, 0.3189
Android (android.graphics.Color)	4288064691 (0xFF96ACB3)
YUV	166.2200, 6.3005, -14.2249
Hunter-Lab	62.7251, -8.5757, -1.9100

Details

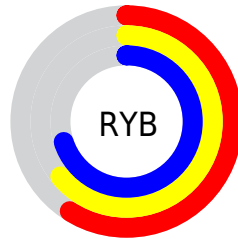
The CIELCh color $69, 8.668, 225.294$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 9.571, 43.742$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 8.829, 227.253$, and $49, 8.550, 223.122$ is the 20% darker color. If you saturate the color by 10%, you get $67, 13.621, 226.045$, and if you desaturate by 10%, it is $71, 3.395, 224.787$.

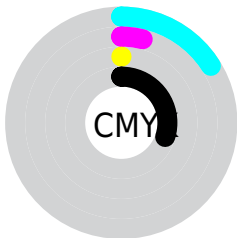
Distribution



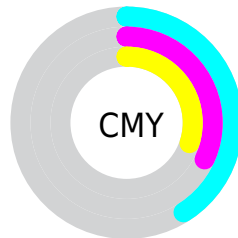
- Red (59%)
- Green (67%)
- Blue (70%)



- Red (59%)
- Yellow (64%)
- Blue (70%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)
- Black (30%)



- Cyan (41%)
- Magenta (32%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 8.668, 225.294 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, 8.668, 225.294 by changing the saturation by 10% instead.

■ 69, 8.668, 225.294

■ 69, 8.668, 225.294

■ 100, 8.668,
225.294

■ 59, 8.668, 225.294

■ 89, 8.668, 225.294

■ 49, 8.668, 225.294

■ 99, 8.668, 225.294

■ 39, 8.668, 225.294

■ 29, 8.668, 225.294

■ 19, 8.668, 225.294

■ 9, 8.668, 225.294

■ 0, 8.668, 225.294

■ 69, 8.668, 225.294

■ 69, 8.668, 225.294

■ 67, 13.621,

■ 71, 3.395, 224.787

226.045

74, 2.131, 43.986

64, 18.180,
227.070

77, 7.851, 43.846

62, 22.268,
228.416

79, 13.714, 43.660

60, 25.818,
230.158

82, 19.679, 43.532

58, 28.779,
232.381

84, 24.699, 44.373

56, 31.137,
235.174

85, 24.225, 50.538

55, 32.931,
238.612

87, 24.047, 56.868

53, 34.276,
242.710

53, 34.768,
244.322

Harmonies

Complementary

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



69, 8.668, 225.294



67, 9.571, 43.742

Rectangle

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



69, 8.668, 225.294



69, 8.668, 275.294



69, 8.668, 45.294



69, 8.668, 95.294

Sweetspot

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



69, 8.668, 225.283



90, 3.395, 224.764



70, 16.442, 150.620



48, 2.331, 224.777



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, 8.668, 225.283



86, 12.448, 225.496



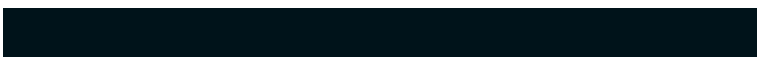
65, 12.074, 278.223



37, 3.076, 224.904



45, 30.853, 243.700



5, 7.482, 235.671

Inverse Universe

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



65, 16.424, 333.044



81, 23.820, 333.258



70, 11.974, 94.154



35, 5.705, 332.577



34, 65.752, 340.550



2, 12.835, 335.681

Previews

White Background



This preview shows how the CIELCh color 69, 8.668, 225.294 looks on a white background.

Color Contrast Check

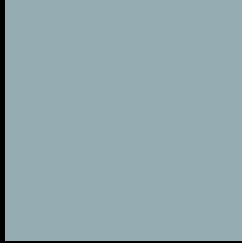
Large Text (above 18pt) WCAG AA × Fail

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, 8.668, 225.294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

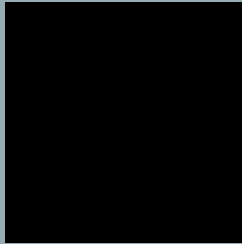
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

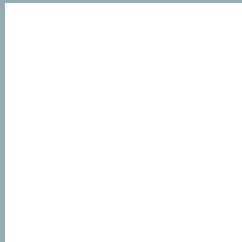
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 8.668, 225.294

Background



This preview shows how black text looks on a background with the CIELCh color 69, 8.668, 225.294.



This preview shows how white text looks on a background with the CIELCh color 69, 8.668, 225.294.

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

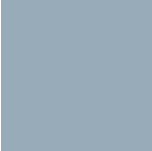
69, 8.668, 225.294

Protanopia

69, 5.017, 299.178

Deuteranopia

69, 11.595, 321.853



Tritanopia
69, 10.286, 247.622

Trichromacy



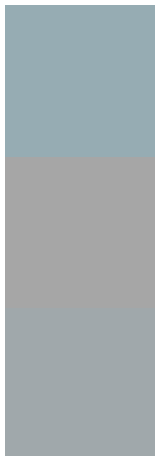
Original Color
69, 8.668, 225.294

Protanomaly
69, 5.045, 260.102

Deuteranomaly
69, 7.800, 299.068

Tritanomaly
69, 9.548, 242.844

Monochromacy



Original Color
69, 8.668, 225.294

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 3.368, 228.708

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 8.668, 225.294 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(150, 172, 179)` looks like.

```
.text, #text, p{  
    color:rgb(150, 172, 179)  
}
```

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(150, 172, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 172, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 8.668, 225.294 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(150, 172, 179) }
```

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

```
.border{ border-color:rgb(150, 172, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 172, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 172, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 172, 179);  
box-shadow:4px 4px 4px 4px rgb(150, 172,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 8.668, 225.294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 172, 179) }
```

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

```
.background{ background-color: rgb(150,  
172, 179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor