

Converting Colors

CIELCh(69, 4.933, 222.536)

Have a look what the booklet for
CIELCh(69, 4.933, 222.536) contains.

CIELCh(69, 5.014, 218.337)	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, 5.014, 218.337)

Conversions

Conversions Part 1

Format	Color
Hex	9EABAE
RGB	158, 171, 174
RGB Percent	62%, 67%, 68%
CMY	0.3812, 0.3302, 0.3185
CMYK	0.09, 0.02, 0.00, 0.32
HSL	191°, 9%, 65%
HSV	191°, 9%, 68%
XYZ	36.2043, 39.3444, 45.6250
YIQ	167.4550, -8.7110, -1.8230

Conversions

Conversions Part 2

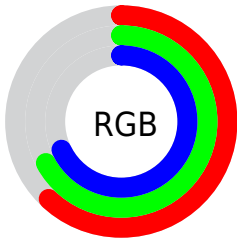
Format	Color
RYB	158, 165, 174
Decimal	10398638
CIELab	69.00, -3.93, -3.11
CIELCh	69, 5.014, 218.337
Yxy	39.3444, 0.2988, 0.3247
Android (android.graphics.Color)	4288588718 (0xFF9EABAE)
YUV	167.4550, 3.2267, -8.2920
Hunter-Lab	62.7251, -6.7406, 0.7812

Details

The CIELCh color $69, 5.014, 218.337$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 5.308, 37.810$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 4.788, 218.309$, and $49, 4.947, 219.907$ is the 20% darker color. If you saturate the color by 10%, you get $67, 10.177, 218.619$, and if you desaturate by 10%, it is $71, 0.441, 36.888$.

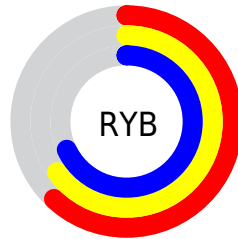
Distribution



Red (62%)

Green (67%)

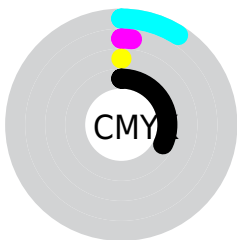
Blue (68%)



Red (62%)

Yellow (65%)

Blue (68%)

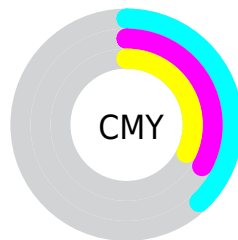


Cyan (9%)

Magenta (2%)

Yellow (0%)

Black (32%)



Cyan (38%)

Magenta (33%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 5.014, 218.337 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, 5.014, 218.337 by changing the saturation by 10% instead.

■ 69, 5.014, 218.337

■ 69, 5.014, 218.337

■ 100, 5.014,
218.337

■ 59, 5.014, 218.337

■ 89, 5.014, 218.337

■ 49, 5.014, 218.337

■ 99, 5.014, 218.337

■ 39, 5.014, 218.337

■ 29, 5.014, 218.337

■ 19, 5.014, 218.337

■ 9, 5.014, 218.337

■ 0, 5.014, 218.337

■ 69, 5.014, 218.337

■ 69, 5.014, 218.337

■ 67, 10.177,

■ 71, 0.441, 36.888

218.619

73, 6.122, 37.810

65, 14.970,
219.126

76, 11.972, 37.818

63, 19.313,
219.858

78, 17.943, 37.861

61, 23.121,
220.866

81, 23.995, 37.944

60, 26.322,
222.213

83, 26.768, 43.695

58, 28.863,
223.973

84, 26.344, 47.931

57, 30.729,
226.222

85, 26.071, 52.283

55, 31.957,
229.032

54, 32.721,
232.352

Harmonies

Complementary

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



69, 5.014, 218.337



67, 5.308, 37.810

Rectangle

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



69, 5.014, 218.337



69, 5.014, 268.337



69, 5.014, 38.337



69, 5.014, 88.337

Sweetspot

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



69, 5.014, 218.318



89, 2.061, 218.364



69, 9.427, 149.400



48, 1.572, 218.320



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, 5.014, 218.318



87, 7.407, 218.359



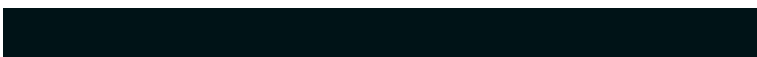
67, 6.288, 273.638



36, 3.077, 218.319



47, 29.460, 232.150



5, 6.455, 226.246

Inverse Universe

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



67, 9.427, 330.618



84, 14.014, 330.746



69, 6.278, 91.287



34, 5.788, 330.625



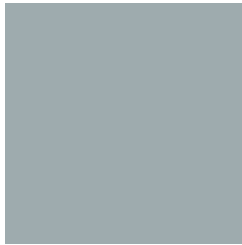
34, 67.544, 337.220



2, 11.566, 332.590

Previews

White Background



This preview shows how the CIE LCh color 69, 5.014, 218.337 looks on a white background.

Color Contrast Check

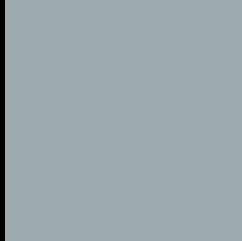
Large Text (above 18pt) WCAG AA × Fail

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, 5.014, 218.337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

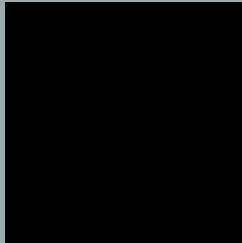
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

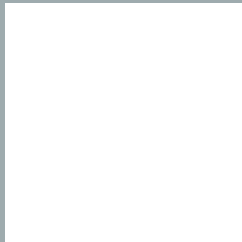
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 5.014, 218.337

Background



This preview shows how black text looks on a background with the CIELCh color 69, 5.014, 218.337.



This preview shows how white text looks on a background with the CIELCh color 69, 5.014, 218.337.

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, 5.014, 218.337

Protanopia

69, 2.988, 312.556

Deuteranopia

69, 9.492, 336.326



Tritanopia
69, 8.413, 265.692

Trichromacy



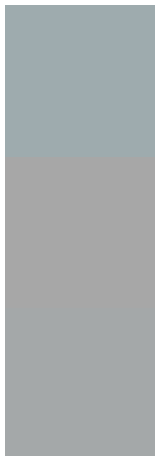
Original Color
69, 5.014, 218.337

Protanomaly
69, 2.839, 275.298

Deuteranomaly
69, 5.628, 318.329

Tritanomaly
69, 6.709, 254.342

Monochromacy



Original Color
69, 5.014, 218.337

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 1.589, 219.847

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 5.014, 218.337 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(158, 171, 174)` looks like.

```
.text, #text, p{  
    color:rgb(158, 171, 174)  
}
```

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(158, 171, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 171, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 5.014, 218.337 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(158, 171, 174) }
```

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

```
.border{ border-color:rgb(158, 171, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 171, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 171, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 171, 174);  
box-shadow:4px 4px 4px 4px rgb(158, 171,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 5.014, 218.337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 171, 174) }
```

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

```
.background{ background-color: rgb(158,  
171, 174) }
```

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