

Converting Colors

CIELCh(69, 4.386, 196.341)

Have a look what the booklet for
CIELCh(69, 4.386, 196.341) contains.

CIELCh(69, 4.495, 192.103)	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, 4.495, 192.103)

Conversions

Conversions Part 1

Format	Color
Hex	9FABAA
RGB	159, 171, 170
RGB Percent	62%, 67%, 67%
CMY	0.3769, 0.3298, 0.3337
CMYK	0.07, 0.00, 0.01, 0.33
HSL	175°, 7%, 65%
HSV	175°, 7%, 67%
XYZ	36.0659, 39.3444, 43.6712
YIQ	167.2980, -6.8310, -2.8550

Conversions

Conversions Part 2

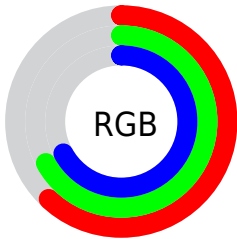
Format	Color
RYB	159, 165, 171
Decimal	10464170
CIELab	69.00, -4.40, -0.94
CIElCh	69, 4.495, 192.103
Yxy	39.3444, 0.3029, 0.3304
Android (android.graphics.Color)	4288654250 (0xFF9FABAA)
YUV	167.2980, 1.3321, -7.2773
Hunter-Lab	62.7251, -7.1343, 2.6280

Details

The CIELCh color **69, 4.495, 192.103** is a light color, and the websafe version is hex **999999**. A complement of this color would be **66, 4.665, 12.937**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 4.279, 192.252**, and **49, 4.394, 191.308** is the 20% darker color. If you saturate the color by 10%, you get **68, 10.669, 191.294**, and if you desaturate by 10%, it is **70, 1.941, 12.459**.

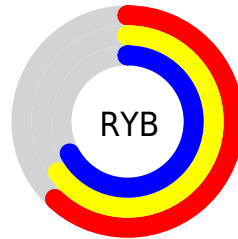
Distribution



Red (62%)

Green (67%)

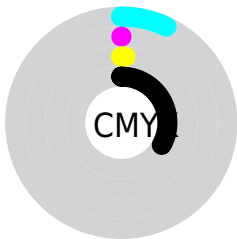
Blue (67%)



Red (62%)

Yellow (65%)

Blue (67%)

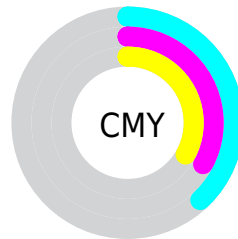


Cyan (7%)

Magenta (0%)

Yellow (1%)

Black (33%)



Cyan (38%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 4.495, 192.103 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, 4.495, 192.103 by changing the saturation by 10% instead.

■ 69, 4.495, 192.103

■ 69, 4.495, 192.103

■ 100, 4.495,
192.103

■ 59, 4.495, 192.103

■ 89, 4.495, 192.103

■ 49, 4.495, 192.103

■ 99, 4.495, 192.103

■ 39, 4.495, 192.103

■ 29, 4.495, 192.103

■ 19, 4.495, 192.103

■ 9, 4.495, 192.103

■ 0, 4.495, 192.103

■ 69, 4.495, 192.103

■ 69, 4.495, 192.103

■ 68, 10.669,

■ 70, 1.941, 12.459

191.294

72, 8.557, 13.374

67, 16.483,
190.545

73, 15.281, 14.118

66, 21.832,
189.800

75, 22.054, 14.840

65, 26.615,
189.047

77, 28.831, 15.549

64, 30.735,
188.277

78, 33.026, 14.192

64, 34.120,
187.478

78, 33.037, 12.889

63, 36.729,
186.636

78, 33.065, 11.589

63, 38.570,
185.735

63, 39.733,
184.765

Harmonies

Complementary

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



69, 4.495, 192.103



66, 4.665, 12.937

Rectangle

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



69, 4.495, 192.103



69, 4.495, 242.103



69, 4.495, 12.103



69, 4.495, 62.103

Sweetspot

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



69, 4.496, 192.086



88, 1.595, 192.707



69, 7.797, 141.391



47, 0.914, 192.737



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



69, 4.496, 192.086



87, 6.320, 191.990



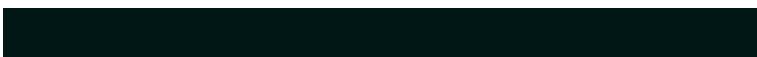
68, 3.722, 244.750



36, 3.652, 191.893



56, 36.417, 184.589



6, 7.937, 189.547

Inverse Universe

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



66, 4.665, 12.937



84, 6.596, 13.045



68, 3.819, 63.091



34, 3.835, 13.157



31, 66.976, 35.943



2, 7.850, 13.753

Previews

White Background



This preview shows how the CIE LCh color 69, 4.495, 192.103 looks on a white background.

Color Contrast Check

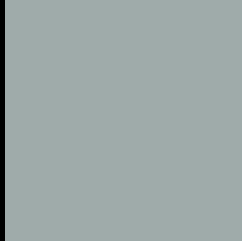
Large Text (above 18pt) WCAG AA × Fail

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, 4.495, 192.103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

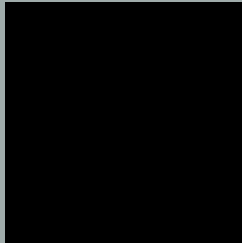
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

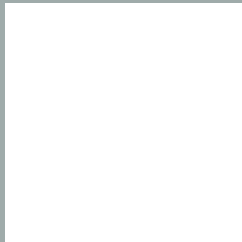
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 4.495, 192.103

Background



This preview shows how black text looks on a background with the CIELCh color 69, 4.495, 192.103.



This preview shows how white text looks on a background with the CIELCh color 69, 4.495, 192.103.

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

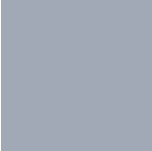
69, 4.495, 192.103

Protanopia

69, 1.620, 359.457

Deuteranopia

69, 8.808, 350.359



Tritanopia
69, 7.644, 268.703

Trichromacy



Original Color
69, 4.495, 192.103

Protanomaly
69, 0.667, 256.045

Deuteranomaly
69, 4.107, 337.735

Tritanomaly
69, 5.647, 250.460

Monochromacy



Original Color
69, 4.495, 192.103

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 1.500, 199.598

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 4.495, 192.103 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(159, 171, 170)` looks like.

```
.text, #text, p{  
    color:rgb(159, 171, 170)  
}
```

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(159, 171, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 171, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 4.495, 192.103 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(159, 171, 170) }
```

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

```
.border{ border-color:rgb(159, 171, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 171, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 171, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 171, 170);  
box-shadow:4px 4px 4px 4px rgb(159, 171,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 4.495, 192.103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 171, 170) }
```

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

```
.background{ background-color: rgb(159,  
171, 170) }
```

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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