

Converting Colors

CIELCh(69, 7.628, 197.629)

Have a look what the booklet for
CIELCh(69, 7.628, 197.629) contains.

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Color

CIELCh(69, 7.707, 194.718)

Conversions

Conversions Part 1

Format	Color
Hex	98ADAC
RGB	152, 173, 172
RGB Percent	60%, 68%, 67%
CMY	0.4054, 0.3230, 0.3270
CMYK	0.12, 0.00, 0.01, 0.32
HSL	177°, 11%, 64%
HSV	177°, 12%, 68%
XYZ	35.1593, 39.3444, 44.5795
YIQ	166.6070, -12.1950, -4.7630

Conversions

Conversions Part 2

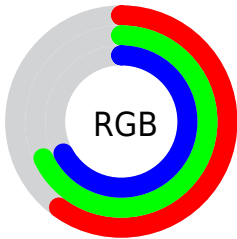
Format	Color
R _{YB}	152, 163, 173
Decimal	10005932
CIE Lab	69.00, -7.45, -1.96
CIE LCh	69, 7.707, 194.718
Yxy	39.3444, 0.2952, 0.3304
Android (android.graphics.Color)	4288196012 (0xFF98ADAC)
YUV	166.6070, 2.6587, -12.8103
Hunter-Lab	62.7251, -9.7143, 1.7694

Details

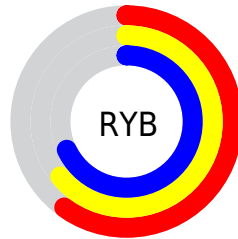
The CIELCh color $69, 7.707, 194.718$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 8.263, 16.299$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 7.706, 195.066$, and $49, 7.763, 194.248$ is the 20% darker color. If you saturate the color by 10%, you get $68, 13.676, 194.042$, and if you desaturate by 10%, it is $70, 1.399, 195.646$.

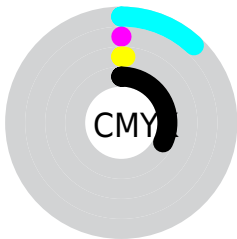
Distribution



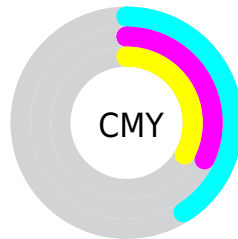
- Red (60%)
- Green (68%)
- Blue (67%)



- Red (60%)
- Yellow (64%)
- Blue (68%)



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)
- Black (32%)



- Cyan (41%)
- Magenta (32%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 7.707, 194.718 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, 7.707, 194.718 by changing the saturation by 10% instead.

■ 69, 7.707, 194.718

■ 69, 7.707, 194.718

■ 100, 7.707,
194.718

■ 59, 7.707, 194.718

■ 89, 7.707, 194.718

■ 49, 7.707, 194.718

■ 99, 7.707, 194.718

■ 39, 7.707, 194.718

■ 29, 7.707, 194.718

■ 19, 7.707, 194.718

■ 9, 7.707, 194.718

■ 0, 7.707, 194.718

■ 69, 7.707, 194.718

■ 69, 7.707, 194.718

■ 68, 13.676,

■ 70, 1.399, 195.646

194.042

72, 5.160, 15.866

67, 19.200,
193.409

73, 11.886, 16.590

66, 24.178,
192.798

75, 18.713, 17.279

65, 28.511,
192.204

77, 25.587, 17.960

65, 32.116,
191.621

79, 32.353, 17.853

64, 34.943,
191.042

79, 32.328, 17.088

64, 36.978,
190.455

79, 32.309, 16.321

64, 38.260,
189.849

64, 38.907,
189.363

Harmonies

Complementary

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



69, 7.707, 194.718



65, 8.263, 16.299

Rectangle

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



69, 7.707, 194.718



69, 7.707, 244.718



69, 7.707, 14.718



69, 7.707, 64.718

Sweetspot

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



69, 7.708, 194.708



89, 3.192, 195.358



69, 13.882, 142.442



47, 2.262, 195.281



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, 7.708, 194.708



87, 11.677, 194.496



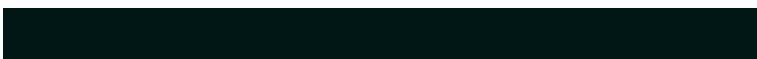
66, 6.635, 251.378



36, 3.624, 194.912



56, 35.146, 189.436



6, 7.851, 193.648

Inverse Universe

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



65, 8.263, 16.299



80, 12.754, 16.585



67, 6.899, 68.399



34, 3.821, 16.044



31, 68.259, 37.513



2, 7.820, 16.167

Previews

White Background



This preview shows how the CIELCh color 69, 7.707, 194.718 looks on a white background.

Color Contrast Check

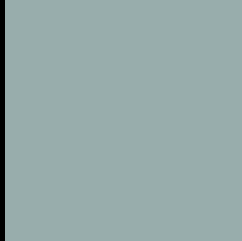
Large Text (above 18pt) WCAG AA × Fail

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, 7.707, 194.718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

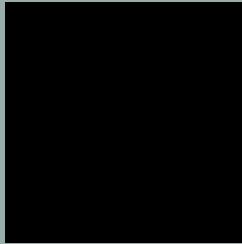
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

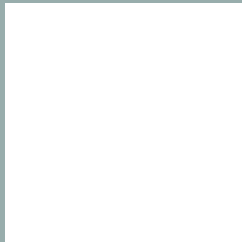
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 7.707, 194.718

Background



This preview shows how black text looks on a background with the CIELCh color 69, 7.707, 194.718.



This preview shows how white text looks on a background with the CIELCh color 69, 7.707, 194.718.

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, 7.707, 194.718

Protanopia

69, 1.883, 343.646

Deuteranopia

69, 9.413, 340.394



Tritanopia
69, 9.227, 249.971

Trichromacy



Original Color
69, 7.707, 194.718

Protanomaly
69, 1.939, 215.967

Deuteranomaly
69, 4.306, 316.311

Tritanomaly
69, 7.753, 228.768

Monochromacy



Original Color
69, 7.707, 194.718

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 2.616, 199.364

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 7.707, 194.718 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, 173, 172)` looks like.

```
.text, #text, p{  
    color:rgb(152, 173, 172)  
}
```

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, 173, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 173, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 7.707, 194.718 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, 173, 172) }
```

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

```
.border{ border-color:rgb(152, 173, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 173, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 173, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 173, 172);  
box-shadow:4px 4px 4px 4px rgb(152, 173,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 7.707, 194.718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 173, 172) }
```

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

```
.background{ background-color: rgb(152,  
173, 172) }
```

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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