

Converting Colors

CIELCh(70, 6.629, 194.175)

Have a look what the booklet for
CIELCh(70, 6.629, 194.175) contains.

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Color

CIELCh(70, 6.630, 194.174)

Conversions

Conversions Part 1

Format	Color
Hex	9DAFAE
RGB	157, 175, 174
RGB Percent	62%, 69%, 68%
CMY	0.3853, 0.3147, 0.3186
CMYK	0.10, 0.00, 0.01, 0.31
HSL	177°, 10%, 65%
HSV	177°, 10%, 69%
XYZ	36.7509, 40.7494, 45.8426
YIQ	169.5040, -10.4070, -4.1270

Conversions

Conversions Part 2

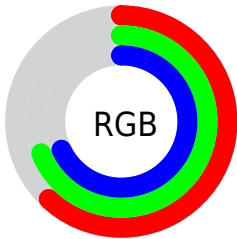
Format	Color
RYB	157, 166, 175
Decimal	10334126
CIELab	70.00, -6.43, -1.62
CIELCh	70, 6.630, 194.174
Yxy	40.7494, 0.2980, 0.3304
Android (android.graphics.Color)	4288524206 (0xFF9DAFAE)
YUV	169.5040, 2.2165, -10.9660
Hunter-Lab	63.8353, -8.9466, 2.1062

Details

The CIELCh color **70, 6.630, 194.174** is a light color, and the websafe version is hex **999999**. A complement of this color would be **66, 7.024, 15.491**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 6.750, 190.166**, and **50, 6.634, 193.670** is the 20% darker color. If you saturate the color by 10%, you get **69, 12.746, 193.463**, and if you desaturate by 10%, it is **71, 0.195, 197.281**.

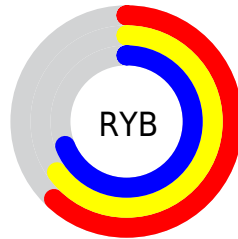
Distribution



Red (62%)

Green (69%)

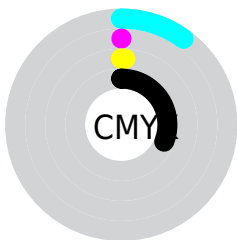
Blue (68%)



Red (62%)

Yellow (65%)

Blue (69%)

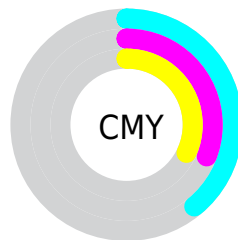


Cyan (10%)

Magenta (0%)

Yellow (1%)

Black (31%)



Cyan (39%)

Magenta (31%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 6.630, 194.174 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 70, 6.630, 194.174 by changing the saturation by 10% instead.

■ 70, 6.630, 194.174

■ 70, 6.630, 194.174

■ 100, 6.630,
194.174

■ 60, 6.630, 194.174

■ 90, 6.630, 194.174

■ 50, 6.630, 194.174

■ 40, 6.630, 194.174

■ 30, 6.630, 194.174

■ 20, 6.630, 194.174

■ 10, 6.630, 194.174

■ 0, 6.630, 194.174

■ 70, 6.630, 194.174

■ 70, 6.630, 194.174

■ 69, 12.746,

■ 71, 0.195, 197.281

193.463

73, 6.470, 15.365

68, 18.438,
192.800

74, 13.287, 16.088

67, 23.601,
192.153

76, 20.189, 16.786

66, 28.135,
191.517

78, 27.125, 17.474

66, 31.950,
190.887

79, 31.404, 16.618

65, 34.988,
190.252

79, 31.388, 15.686

65, 37.225,
189.602

79, 31.381, 14.754

65, 38.691,
188.923

64, 39.562,
188.238

Harmonies

Complementary

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



70, 6.630, 194.174



66, 7.024, 15.491

Rectangle

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



70, 6.630, 194.174



70, 6.630, 244.174



70, 6.630, 14.174



70, 6.630, 64.174

Sweetspot

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



70, 6.631, 194.162



90, 2.423, 194.822



70, 11.797, 142.111



48, 1.849, 194.717



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



70, 6.631, 194.162



88, 9.514, 194.023



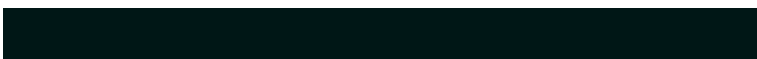
68, 5.627, 249.162



36, 3.630, 194.237



56, 35.410, 188.330



6, 7.867, 192.717

Inverse Universe

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



66, 7.024, 15.491



83, 10.190, 15.665



68, 5.828, 66.690



34, 3.823, 15.401



31, 67.979, 37.181



2, 7.825, 15.629

Previews

White Background



This preview shows how the CIELCh color 70, 6.630, 194.174 looks on a white background.

Color Contrast Check

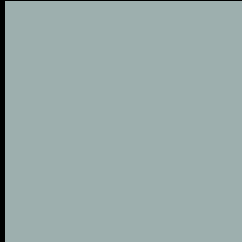
Large Text (above 18pt) WCAG AA × Fail

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 70, 6.630, 194.174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

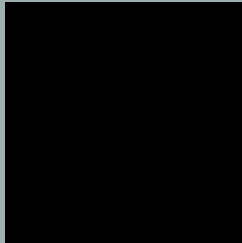
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 6.630, 194.174

Background



This preview shows how black text looks on a background with the CIELCh color 70, 6.630, 194.174.



This preview shows how white text looks on a background with the CIELCh color 70, 6.630, 194.174.

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
70, 9.033, 257.480

Trichromacy



Original Color
70, 6.630, 194.174

Protanomaly
70, 1.494, 199.608

Deuteranomaly
70, 4.009, 324.569

Tritanomaly
70, 7.147, 236.968

Monochromacy



Original Color
70, 6.630, 194.174

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 2.238, 199.433

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 6.630, 194.174 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(157, 175, 174)` looks like.

```
.text, #text, p{  
    color:rgb(157, 175, 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(157, 175, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 175, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 6.630, 194.174 is called "border". The border property can be set on classes, ids or directly on the HTML element.

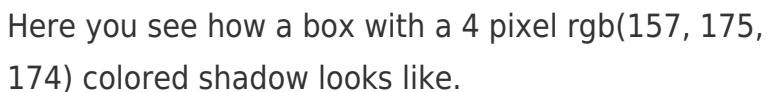
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 175, 174) }
```

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

```
.border{ border-color:rgb(157, 175, 174) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 175, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 175, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 175, 174); box-shadow:4px 4px 4px 4px rgb(157, 175, 174) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 6.630, 194.174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 175, 174) }
```

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

```
.background{ background-color: rgb(157,  
175, 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](#).

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