

Converting Colors

CIELCh(70, 8.539, 154.353)

Have a look what the booklet for
CIELCh(70, 8.539, 154.353) contains.

CIELCh(70, 8.566, 154.192)	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(70, 8.566, 154.192)

Conversions

Conversions Part 1

Format	Color
Hex	9FAFA4
RGB	159, 175, 164
RGB Percent	62%, 69%, 64%
CMY	0.3762, 0.3134, 0.3566
CMYK	0.09, 0.00, 0.06, 0.31
HSL	139°, 9%, 66%
HSV	139°, 9%, 69%
XYZ	36.3638, 40.7494, 41.1049
YIQ	168.9620, -6.0050, -6.8130

Conversions

Conversions Part 2

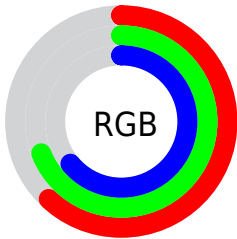
Format	Color
RYB	159, 171, 175
Decimal	10465188
CIELab	70.00, -7.71, 3.73
CIElCh	70, 8.566, 154.192
Yxy	40.7494, 0.3076, 0.3447
Android (android.graphics.Color)	4288655268 (0xFF9FAFA4)
YUV	168.9620, -2.4463, -8.7367
Hunter-Lab	63.8353, -10.0290, 6.5066

Details

The CIELCh color **70, 8.566, 154.192** is a light color, and the websafe version is hex **999999**. A complement of this color would be **67, 8.613, 335.379**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 8.751, 153.582**, and **50, 8.872, 152.188** is the 20% darker color. If you saturate the color by 10%, you get **69, 17.999, 153.379**, and if you desaturate by 10%, it is **72, 0.808, 334.465**.

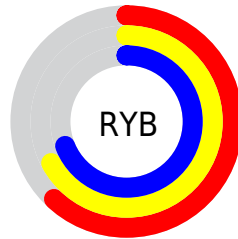
Distribution



Red (62%)

Green (69%)

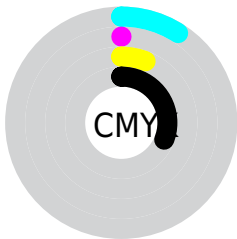
Blue (64%)



Red (62%)

Yellow (67%)

Blue (69%)

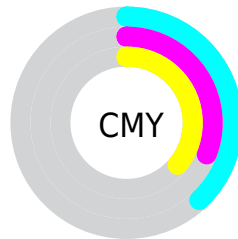


Cyan (9%)

Magenta (0%)

Yellow (6%)

Black (31%)



Cyan (38%)

Magenta (31%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 8.566, 154.192 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, 8.566, 154.192 by changing the saturation by 10% instead.

■ 70, 8.566, 154.192

■ 70, 8.566, 154.192

■ 100, 8.566,
154.192

■ 60, 8.566, 154.192

■ 90, 8.566, 154.192

■ 50, 8.566, 154.192

■ 40, 8.566, 154.192

■ 30, 8.566, 154.192

■ 20, 8.566, 154.192

■ 10, 8.566, 154.192

■ 0, 8.566, 154.192

■ 70, 8.566, 154.192

■ 70, 8.566, 154.192

■ 69, 17.999,

■ 72, 0.808, 334.465

153.379

73, 10.044,
335.433

67, 27.375,
152.467

75, 19.081,
335.995

66, 36.558,
151.423

77, 27.878,
336.490

65, 45.387,
150.225

79, 36.411,
336.936

64, 53.689,
148.854

81, 42.629,
333.868

64, 61.293,
147.299

81, 47.269,
328.590

63, 68.052,
145.564

81, 49.999,
326.151

63, 73.860,
143.679

62, 78.736,
141.765

Harmonies

Complementary

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



70, 8.566, 154.192



67, 8.613, 335.379

Rectangle

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



70, 8.566, 154.192



70, 8.566, 204.192



70, 8.566, 334.192



70, 8.566, 24.192

Sweetspot

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



70, 8.568, 154.190



90, 3.455, 154.697



71, 8.911, 121.294



48, 2.643, 154.619



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, 8.568, 154.190



88, 12.746, 154.029



70, 6.196, 182.523



36, 5.265, 154.178



54, 70.343, 141.880



6, 11.580, 152.525

Inverse Universe

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



67, 8.613, 335.379



84, 12.821, 335.530



67, 6.421, 4.021



34, 5.294, 335.391



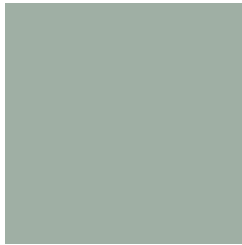
33, 61.978, 345.441



2, 10.394, 338.813

Previews

White Background



This preview shows how the CIELCh color 70, 8.566, 154.192 looks on a white background.

Color Contrast Check

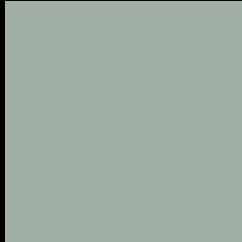
Large Text (above 18pt) WCAG AA × Fail

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, 8.566, 154.192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

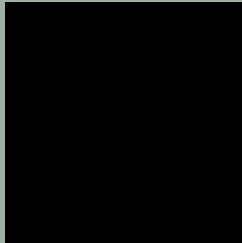
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

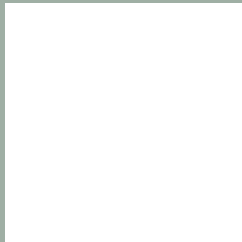
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 8.566, 154.192

Background



This preview shows how black text looks on a background with the CIELCh color 70, 8.566, 154.192.



This preview shows how white text looks on a background with the CIELCh color 70, 8.566, 154.192.

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

70, 8.566, 154.192

Protanopia

70, 5.417, 84.310

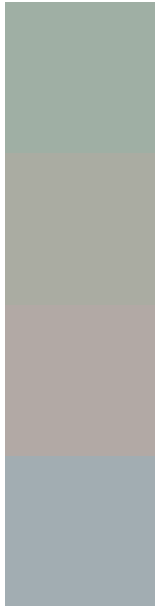
Deuteranopia

70, 9.306, 16.841



Tritanopia
70, 8.251, 267.909

Trichromacy



Original Color
70, 8.566, 154.192

Protanomaly
70, 5.513, 117.611

Deuteranomaly
70, 4.075, 51.905

Tritanomaly
70, 4.817, 233.912

Monochromacy



Original Color
70, 8.566, 154.192

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 3.163, 155.522

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 8.566, 154.192 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, 175, 164)` looks like.

```
.text, #text, p{  
    color:rgb(159, 175, 164)  
}
```

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, 175, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 175, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 8.566, 154.192 is called "border". The border property can be set on classes, ids or directly on the HTML element.

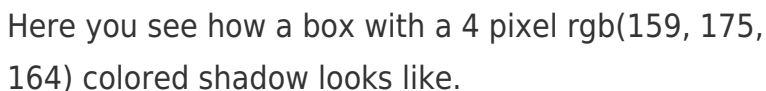
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 175, 164) }
```

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

```
.border{ border-color:rgb(159, 175, 164) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 175, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 175, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 175, 164); box-shadow:4px 4px 4px 4px rgb(159, 175, 164) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 8.566, 154.192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 175, 164) }
```

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

```
.background{ background-color: rgb(159,  
175, 164) }
```

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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