

Converting Colors

CIELCh(70, 6.955, 144.133)

Have a look what the booklet for
CIELCh(70, 6.955, 144.133) contains.

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Color

CIELCh(70, 6.680, 144.153)

Conversions

Conversions Part 1

Format	Color
Hex	A4AEA4
RGB	164, 174, 164
RGB Percent	64%, 68%, 64%
CMY	0.3576, 0.3183, 0.3576
CMYK	0.06, 0.00, 0.06, 0.32
HSL	120°, 6%, 66%
HSV	120°, 6%, 68%
XYZ	37.0585, 40.7494, 40.9492
YIQ	169.8700, -2.7500, -5.2300

Conversions

Conversions Part 2

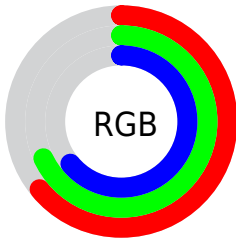
Format	Color
RYB	164, 174, 174
Decimal	10792612
CIELab	70.00, -5.41, 3.91
CIElCh	70, 6.680, 144.153
Yxy	40.7494, 0.3121, 0.3431
Android (android.graphics.Color)	4288982692 (0xFFA4AEA4)
YUV	169.8700, -2.8939, -5.1480
Hunter-Lab	63.8353, -8.0865, 6.6512

Details

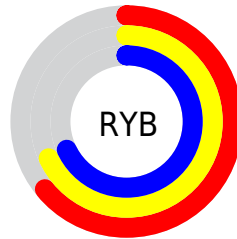
The CIELCh color **70, 6.680, 144.153** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 6.698, 324.718**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 6.337, 144.239**, and **50, 7.140, 144.012** is the 20% darker color. If you saturate the color by 10%, you get **68, 18.413, 143.491**, and if you desaturate by 10%, it is **72, 4.901, 324.614**.

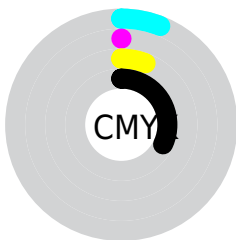
Distribution



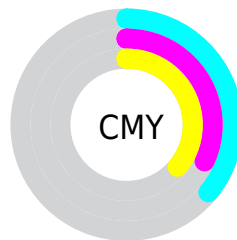
- Red (64%)
- Green (68%)
- Blue (64%)



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



- Cyan (6%)
- Magenta (0%)
- Yellow (6%)
- Black (32%)



- Cyan (36%)
- Magenta (32%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 6.680, 144.153 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, 6.680, 144.153 by changing the saturation by 10% instead.

■ 70, 6.680, 144.153

■ 70, 6.680, 144.153

■ 100, 6.680,
144.153

■ 60, 6.680, 144.153

■ 90, 6.680, 144.153

■ 50, 6.680, 144.153

■ 40, 6.680, 144.153

■ 30, 6.680, 144.153

■ 20, 6.680, 144.153

■ 10, 6.680, 144.153

■ 0, 6.680, 144.153

■ 70, 6.680, 144.153

■ 70, 6.680, 144.153

■ 68, 18.413,

■ 72, 4.901, 324.614

143.491

74, 16.238,
325.106

67, 30.152,
142.737

76, 27.269,
325.501

66, 41.706,
141.865

78, 37.957,
325.833

64, 52.821,
140.877

81, 48.287,
326.115

64, 63.178,
139.793

81, 50.768,
326.177

63, 72.388,
138.669

62, 80.001,
137.605

62, 85.567,
136.740

62, 88.824,
136.196

Harmonies

Complementary

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



70, 6.680, 144.153



68, 6.698, 324.718

Rectangle

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



70, 6.680, 144.153



70, 6.680, 194.153



70, 6.680, 324.153



70, 6.680, 14.153

Sweetspot

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



70, 6.682, 144.153



90, 2.870, 144.430



71, 5.439, 109.625



48, 1.645, 144.442



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, 6.682, 144.153



89, 10.110, 144.065



70, 4.666, 163.263



36, 5.257, 144.045



54, 80.802, 136.016



6, 13.854, 144.443

Inverse Universe

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



68, 6.698, 324.718



86, 10.130, 324.799



68, 4.709, 344.040



35, 5.267, 324.817



35, 77.960, 328.233



2, 13.856, 324.439

Previews

White Background



This preview shows how the CIELCh color 70, 6.680, 144.153 looks on a white background.

Color Contrast Check

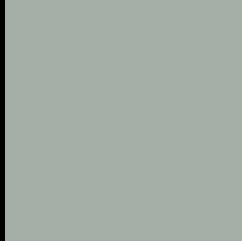
Large Text (above 18pt) WCAG AA × Fail

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, 6.680, 144.153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

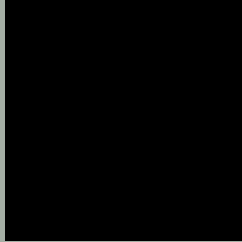
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

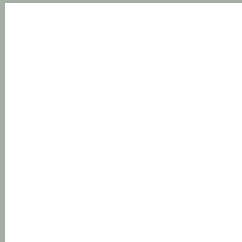
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 6.680, 144.153

Background



This preview shows how black text looks on a background with the CIELCh color 70, 6.680, 144.153.



This preview shows how white text looks on a background with the CIELCh color 70, 6.680, 144.153.

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

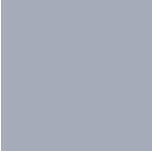
70, 6.680, 144.153

Protanopia

70, 4.926, 81.692

Deuteranopia

70, 9.306, 16.841



Tritanopia
70, 7.240, 279.343

Trichromacy



Original Color
70, 6.680, 144.153

Protanomaly
70, 4.376, 104.700

Deuteranomaly
70, 4.891, 39.217

Tritanomaly
70, 3.490, 251.180

Monochromacy



Original Color
70, 6.680, 144.153

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 1.999, 144.461

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 6.680, 144.153 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(164, 174, 164)` looks like.

```
.text, #text, p{  
    color:rgb(164, 174, 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(164, 174, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 174, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 6.680, 144.153 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(164, 174, 164) }
```

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

```
.border{ border-color:rgb(164, 174, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 174, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 174, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 174, 164);  
box-shadow:4px 4px 4px 4px rgb(164, 174,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 6.680, 144.153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 174, 164) }
```

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

```
.background{ background-color: rgb(164,  
174, 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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