

Converting Colors

CIELCh(68, 6.710, 144.110)

Have a look what the booklet for
CIELCh(68, 6.710, 144.110) contains.

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Color

CIELCh(68, 6.724, 144.141)

Conversions

Conversions Part 1

Format	Color
Hex	9EA89E
RGB	158, 168, 158
RGB Percent	62%, 66%, 62%
CMY	0.3786, 0.3394, 0.3786
CMYK	0.06, 0.00, 0.06, 0.34
HSL	120°, 5%, 64%
HSV	120°, 6%, 66%
XYZ	34.4860, 37.9720, 38.0626
YIQ	163.8700, -2.7500, -5.2300

Conversions

Conversions Part 2

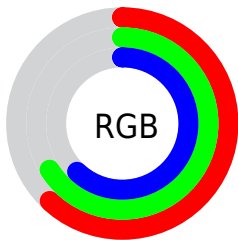
Format	Color
RYB	158, 168, 168
Decimal	10397854
CIELab	68.00, -5.45, 3.94
CIELCh	68, 6.724, 144.141
Yxy	37.9720, 0.3120, 0.3436
Android (android.graphics.Color)	4288587934 (0xFF9EA89E)
YUV	163.8700, -2.8939, -5.1480
Hunter-Lab	61.6215, -7.9412, 6.5125

Details

The CIELCh color **68, 6.724, 144.141** is a light color, and the websafe version is hex **999999**. A complement of this color would be **66, 6.741, 324.727**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 6.370, 144.232**, and **48, 6.482, 144.042** is the 20% darker color. If you saturate the color by 10%, you get **66, 18.162, 143.480**, and if you desaturate by 10%, it is **70, 4.568, 324.601**.

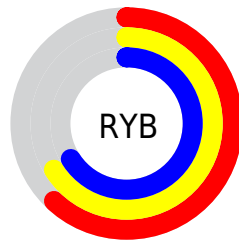
Distribution



Red (62%)

Green (66%)

Blue (62%)



Red (62%)

Yellow (66%)

Blue (66%)

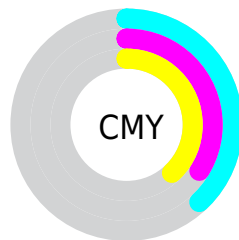


Cyan (6%)

Magenta (0%)

Yellow (6%)

Black (34%)



Cyan (38%)

Magenta (34%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 6.724, 144.141 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 68, 6.724, 144.141 by changing the saturation by 10% instead.

■ 68, 6.724, 144.141

■ 68, 6.724, 144.141

■ 100, 6.724,
144.141

■ 58, 6.724, 144.141

■ 88, 6.724, 144.141

■ 48, 6.724, 144.141

■ 98, 6.724, 144.141

■ 38, 6.724, 144.141

■ 28, 6.724, 144.141

■ 18, 6.724, 144.141

■ 8, 6.724, 144.141

■ 0, 6.724, 144.141

■ 68, 6.724, 144.141

■ 68, 6.724, 144.141

■ 66, 18.162,

■ 70, 4.568, 324.601

143.480

72, 15.626,
325.096

65, 29.604,
142.726

74, 26.385,
325.491

64, 40.863,
141.855

76, 36.813,
325.824

63, 51.693,
140.868

78, 46.892,
326.107

62, 61.783,
139.787

80, 54.041,
326.287

61, 70.755,
138.665

61, 78.173,
137.604

60, 83.599,
136.741

60, 86.795,
136.195

Harmonies

Complementary

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



68, 6.724, 144.141



66, 6.741, 324.727

Rectangle

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



68, 6.724, 144.141



68, 6.724, 194.141



68, 6.724, 324.141



68, 6.724, 14.141

Sweetspot

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



68, 6.726, 144.141



87, 2.792, 144.429



69, 5.384, 108.933



46, 1.584, 144.442



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



68, 6.726, 144.141



86, 9.833, 144.065



68, 4.752, 162.365



35, 5.128, 144.046



53, 79.799, 136.016



5, 11.671, 144.443

Inverse Universe

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



66, 6.741, 324.727



84, 9.852, 324.797



66, 4.794, 343.164



34, 5.138, 324.814



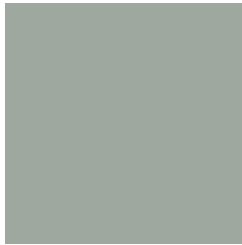
35, 76.993, 328.232



2, 11.673, 324.438

Previews

White Background



This preview shows how the CIELCh color 68, 6.724, 144.141 looks on a white background.

Color Contrast Check

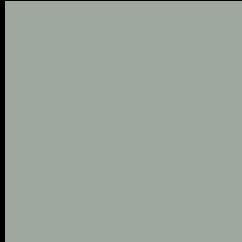
Large Text (above 18pt) WCAG AA × Fail

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 68, 6.724, 144.141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

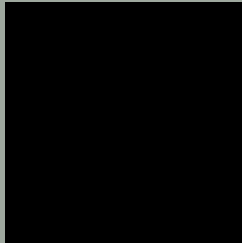
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

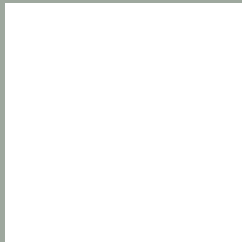
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 6.724, 144.141

Background



This preview shows how black text looks on a background with the CIELCh color 68, 6.724, 144.141.



This preview shows how white text looks on a background with the CIELCh color 68, 6.724, 144.141.

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


68, 6.724, 144.141

Protanopia

68, 5.448, 84.282

Deuteranopia

68, 8.971, 20.171



Tritanopia
68, 7.775, 282.898

Trichromacy



Original Color
68, 6.724, 144.141

Protanomaly
68, 4.936, 109.657

Deuteranomaly
68, 4.786, 46.923

Tritanomaly
68, 3.762, 261.071

Monochromacy



Original Color
68, 6.724, 144.141

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 2.684, 144.394

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 6.724, 144.141 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(158, 168, 158)` looks like.

```
.text, #text, p{  
    color:rgb(158, 168, 158)  
}
```

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(158, 168, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 168, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 6.724, 144.141 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(158, 168, 158) }
```

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

```
.border{ border-color:rgb(158, 168, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 168, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 168, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 168, 158);  
box-shadow:4px 4px 4px 4px rgb(158, 168,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 6.724, 144.141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 168, 158) }
```

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

```
.background{ background-color: rgb(158,  
168, 158) }
```

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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