

Converting Colors

CIELCh(68, 7.266, 142.728)

Have a look what the booklet for
CIELCh(68, 7.266, 142.728) contains.

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Color

CIELCh(68, 7.393, 144.105)

Conversions

Conversions Part 1

Format	Color
Hex	9EA99E
RGB	158, 169, 158
RGB Percent	62%, 66%, 62%
CMY	0.3815, 0.3383, 0.3815
CMYK	0.07, 0.00, 0.07, 0.34
HSL	120°, 6%, 64%
HSV	120°, 7%, 66%
XYZ	34.3298, 37.9720, 37.7428
YIQ	164.4570, -3.0250, -5.7530

Conversions

Conversions Part 2

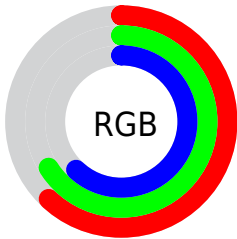
Format	Color
RYB	158, 169, 169
Decimal	10398110
CIELab	68.00, -5.99, 4.33
CIElCh	68, 7.393, 144.105
Yxy	37.9720, 0.3120, 0.3451
Android (android.graphics.Color)	4288588190 (0xFF9EA99E)
YUV	164.4570, -3.1833, -5.6628
Hunter-Lab	61.6215, -8.3939, 6.8202

Details

The CIELCh color **68, 7.393, 144.105** is a light color, and the websafe version is hex **999999**. A complement of this color would be **66, 7.410, 324.763**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 7.004, 144.203**, and **48, 7.195, 143.992** is the 20% darker color. If you saturate the color by 10%, you get **66, 18.850, 143.441**, and if you desaturate by 10%, it is **70, 3.925, 324.565**.

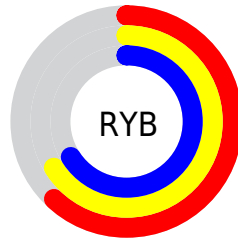
Distribution



Red (62%)

Green (66%)

Blue (62%)



Red (62%)

Yellow (66%)

Blue (66%)

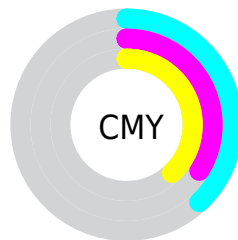


Cyan (7%)

Magenta (0%)

Yellow (7%)

Black (34%)



Cyan (38%)

Magenta (34%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 7.393, 144.105 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, 7.393, 144.105 by changing the saturation by 10% instead.

■ 68, 7.393, 144.105

■ 68, 7.393, 144.105

■ 100, 7.393,
144.105

■ 58, 7.393, 144.105

■ 88, 7.393, 144.105

■ 48, 7.393, 144.105

■ 98, 7.393, 144.105

■ 38, 7.393, 144.105

■ 28, 7.393, 144.105

■ 18, 7.393, 144.105

■ 8, 7.393, 144.105

■ 0, 7.393, 144.105

■ 68, 7.393, 144.105

■ 68, 7.393, 144.105

■ 66, 18.850,

■ 70, 3.925, 324.565

143.441

72, 15.012,
325.072

65, 30.302,
142.679

74, 25.804,
325.472

64, 41.558,
141.802

76, 36.264,
325.808

63, 52.367,
140.808

78, 46.376,
326.093

62, 62.415,
139.722

80, 53.880,
326.282

61, 71.319,
138.601

61, 78.642,
137.547

60, 83.947,
136.700

60, 87.041,
136.170

Harmonies

Complementary

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



68, 7.393, 144.105



66, 7.410, 324.763

Rectangle

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



68, 7.393, 144.105



68, 7.393, 194.105



68, 7.393, 324.105



68, 7.393, 14.105

Sweetspot

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



68, 7.395, 144.105



87, 2.792, 144.431



69, 6.016, 109.555



46, 1.584, 144.443



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, 7.395, 144.105



86, 11.246, 144.001



68, 5.162, 163.191



35, 6.419, 143.928



53, 79.798, 136.016



5, 11.671, 144.444

Inverse Universe

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



66, 7.410, 324.763



83, 11.266, 324.857



66, 5.212, 344.111



33, 6.429, 324.921



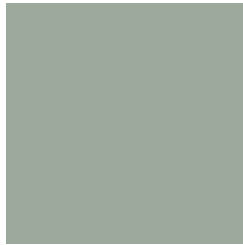
35, 76.991, 328.234



2, 11.672, 324.440

Previews

White Background



This preview shows how the CIELCh color 68, 7.393, 144.105 looks on a white background.

Color Contrast Check

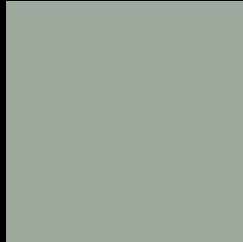
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 68, 7.393, 144.105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

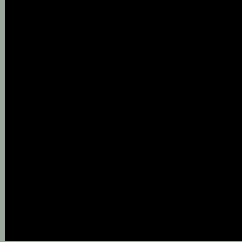
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

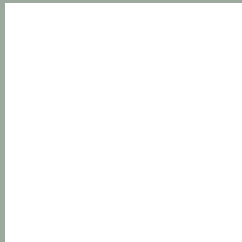
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 7.393, 144.105

Background



This preview shows how black text looks on a background with the CIELCh color 68, 7.393, 144.105.



This preview shows how white text looks on a background with the CIELCh color 68, 7.393, 144.105.

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](#).

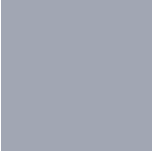
Dichromacy



Original Color
68, 7.393, 144.105

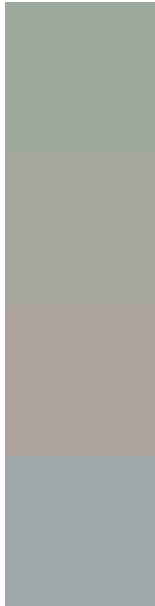
Protanopia
68, 5.448, 84.282

Deuteranopia
68, 9.407, 23.533



Tritanopia
68, 7.353, 276.601

Trichromacy



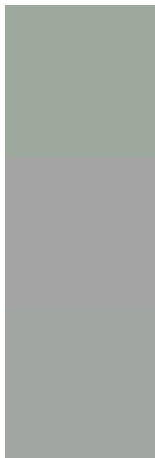
Original Color
68, 7.393, 144.105

Protanomaly
68, 4.936, 109.657

Deuteranomaly
68, 4.786, 46.923

Tritanomaly
68, 3.374, 240.185

Monochromacy



Original Color
68, 7.393, 144.105

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, 7.393, 144.105 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, 169, 158)` looks like.

```
.text, #text, p{  
    color:rgb(158, 169, 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, 169, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 169, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 7.393, 144.105 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, 169, 158) }
```

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

```
.border{ border-color:rgb(158, 169, 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, 169, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 169, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 169, 158);  
box-shadow:4px 4px 4px 4px rgb(158, 169,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 7.393, 144.105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 169, 158) }
```

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

```
.background{ background-color: rgb(158,  
169, 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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