

Converting Colors

CIELCh(70, 13.176, 140.291)

Have a look what the booklet for
CIELCh(70, 13.176, 140.291)
contains.

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Color

CIELCh(70, 12.960, 141.143)

Conversions

Conversions Part 1

Format	Color
Hex	9EB09C
RGB	158, 176, 156
RGB Percent	62%, 69%, 61%
CMY	0.3802, 0.3096, 0.3880
CMYK	0.10, 0.00, 0.11, 0.31
HSL	114°, 11%, 65%
HSV	114°, 11%, 69%
XYZ	35.6530, 40.7494, 37.4631
YIQ	168.3380, -4.3080, -10.0360

Conversions

Conversions Part 2

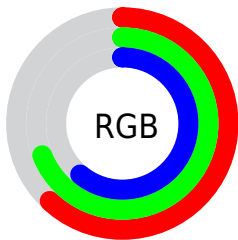
Format	Color
RYB	156, 176, 174
Decimal	10399900
CIELab	70.00, -10.09, 8.13
CIELCh	70, 12.960, 141.143
Yxy	40.7494, 0.3131, 0.3579
Android (android.graphics.Color)	4288589980 (0xFF9EB09C)
YUV	168.3380, -6.0826, -9.0664
Hunter-Lab	63.8353, -12.0165, 9.8891

Details

The CIELCh color **70, 12.960, 141.143** is a light color, and the websafe version is hex **999999**. A complement of this color would be **66, 13.007, 322.243**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 13.370, 140.226**, and **50, 12.426, 140.674** is the 20% darker color. If you saturate the color by 10%, you get **69, 24.460, 140.531**, and if you desaturate by 10%, it is **72, 1.536, 141.788**.

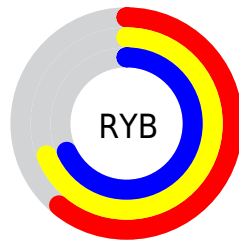
Distribution



Red (62%)

Green (69%)

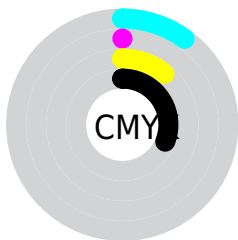
Blue (61%)



Red (61%)

Yellow (69%)

Blue (68%)

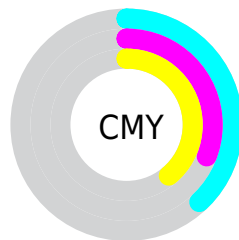


Cyan (10%)

Magenta (0%)

Yellow (11%)

Black (31%)



Cyan (38%)


Magenta (31%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 12.960, 141.143 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, 12.960, 141.143 by changing the saturation by 10% instead.


 70, 12.960,
141.143


 70, 12.960,
141.143


 100, 12.960,
141.143


 60, 12.960,
141.143


 90, 12.960,
141.143

 50, 12.960,
141.143

 40, 12.960,
141.143

 30, 12.960,
141.143

 20, 12.960,
141.143

 10, 12.960,
141.143

 0, 12.960, 141.143

70, 12.960,
141.143

70, 12.960,
141.143

69, 24.460,
140.531

72, 1.536, 141.788

67, 35.891,
139.834

73, 9.715, 322.074

66, 47.062,
139.056

75, 20.724,
322.466

65, 57.719,
138.214

77, 31.447,
322.792

64, 67.535,
137.353

79, 41.861,
323.068

64, 76.099,
136.557


81, 49.091,
325.451

63, 82.938,
135.943

82, 49.395,
326.131

63, 87.628,

135.637

 63, 90.122,
135.533

Harmonies

Complementary

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



70, 12.960, 141.143



66, 13.007, 322.243

Rectangle

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



70, 12.960, 141.143



70, 12.960, 191.143



70, 12.960, 321.143



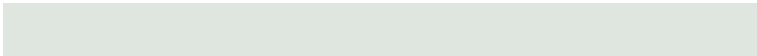
70, 12.960, 11.143

Sweetspot

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



70, 12.962, 141.144



90, 4.216, 141.628



71, 9.811, 104.626



48, 3.196, 141.576



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, 12.962, 141.144



88, 19.842, 140.975



70, 10.035, 157.796



37, 6.525, 141.260



55, 81.191, 135.467



7, 15.864, 142.352

Inverse Universe

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



66, 13.007, 322.243



83, 19.918, 322.385



66, 10.127, 339.453



35, 6.547, 322.141



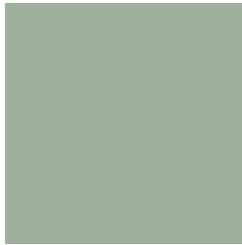
33, 79.447, 324.411



2, 15.524, 320.344

Previews

White Background



This preview shows how the CIELCh color 70, 12.960, 141.143 looks on a white background.

Color Contrast Check

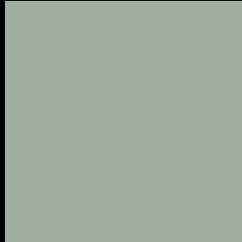
Large Text (above 18pt) WCAG AA × Fail

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 70, 12.960, 141.143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

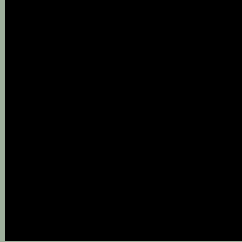
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 12.960, 141.143

Background



This preview shows how black text looks on a background with the CIELCh color 70, 12.960, 141.143.



This preview shows how white text looks on a background with the CIELCh color 70, 12.960, 141.143.

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

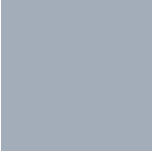
70, 12.960, 141.143

Protanopia

70, 9.785, 90.433

Deuteranopia

70, 11.347, 39.803



Tritanopia
70, 7.754, 266.221

Trichromacy



Original Color
70, 12.960, 141.143

Protanomaly
70, 9.819, 111.460

Deuteranomaly
70, 7.830, 76.126

Tritanomaly
70, 4.445, 206.238

Monochromacy



Original Color
70, 12.960, 141.143

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 4.683, 144.264

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 12.960, 141.143 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, 176, 156)` looks like.

```
.text, #text, p{  
    color:rgb(158, 176, 156)  
}
```

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, 176, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 176, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 12.960, 141.143 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, 176, 156) }
```

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

```
.border{ border-color:rgb(158, 176, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 176, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 176, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 176, 156);  
box-shadow:4px 4px 4px 4px rgb(158, 176,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 12.960, 141.143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 176, 156) }
```

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

```
.background{ background-color: rgb(158,  
176, 156) }
```

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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