

Converting Colors

CIELCh(71, 5.615, 140.566)

Have a look what the booklet for
CIELCh(71, 5.615, 140.566) contains.

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Color

CIELCh(71, 5.785, 141.188)

Conversions

Conversions Part 1

Format	Color
Hex	A8B0A7
RGB	168, 176, 167
RGB Percent	66%, 69%, 65%
CMY	0.3410, 0.3096, 0.3449
CMYK	0.05, 0.00, 0.05, 0.31
HSL	113°, 5%, 67%
HSV	113°, 5%, 69%
XYZ	38.6693, 42.1875, 42.6838
YIQ	172.5820, -1.8790, -4.4950

Conversions

Conversions Part 2

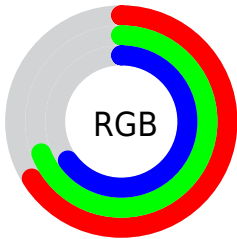
Format	Color
RYB	167, 176, 175
Decimal	11055271
CIELab	71.00, -4.51, 3.63
CIELCh	71, 5.785, 141.188
Yxy	42.1875, 0.3130, 0.3415
Android (android.graphics.Color)	4289245351 (0xFFA8B0A7)
YUV	172.5820, -2.7519, -4.0184
Hunter-Lab	64.9519, -7.3955, 6.5033

Details

The CIELCh color **71, 5.785, 141.188** is a light color, and the websafe version is hex **999999**. A complement of this color would be **69, 5.809, 321.607**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 6.121, 141.542**, and **51, 6.177, 141.079** is the 20% darker color. If you saturate the color by 10%, you get **69, 17.212, 140.621**, and if you desaturate by 10%, it is **73, 5.500, 321.583**.

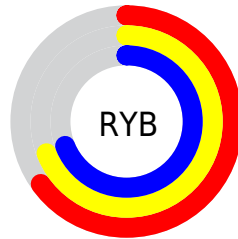
Distribution



Red (66%)

Green (69%)

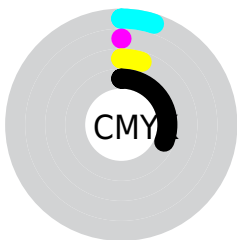
Blue (65%)



Red (65%)

Yellow (69%)

Blue (69%)

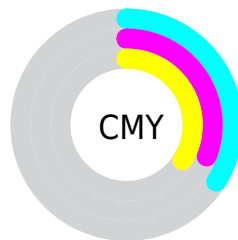


Cyan (5%)

Magenta (0%)

Yellow (5%)

Black (31%)



Cyan (34%)

Magenta (31%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 5.785, 141.188 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 71, 5.785, 141.188 by changing the saturation by 10% instead.

■ 71, 5.785, 141.188

■ 71, 5.785, 141.188

■ 100, 5.785,
141.188

■ 61, 5.785, 141.188

■ 91, 5.785, 141.188

■ 51, 5.785, 141.188

■ 41, 5.785, 141.188

■ 31, 5.785, 141.188

■ 21, 5.785, 141.188

■ 11, 5.785, 141.188

■ 1, 5.785, 141.188

■ 0, 5.785, 141.188

■ 71, 5.785, 141.188

■ 71, 5.785, 141.188

69, 17.212,
140.621

73, 5.500, 321.583

68, 28.662,
139.988

75, 16.570,
322.007

67, 39.982,
139.274

76, 27.373,
322.352

66, 50.963,
138.485

79, 37.879,
322.643

65, 61.327,
137.652

81, 48.044,
322.910

64, 70.720,
136.831

82, 49.404,
326.131

63, 78.704,
136.121

63, 84.805,
135.649

63, 88.673,

135.520

Harmonies

Complementary

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



71, 5.785, 141.188



69, 5.809, 321.607

Rectangle

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



71, 5.785, 141.188



71, 5.785, 191.188



71, 5.785, 321.188



71, 5.785, 11.188

Sweetspot

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



71, 5.787, 141.190



91, 2.795, 141.397



71, 4.333, 104.430



48, 1.587, 141.407



96, 0.011, 296.813



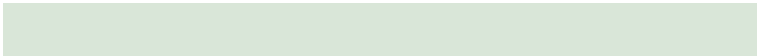
48, 0.006, 296.813

Same Dimension

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



71, 5.787, 141.190



90, 8.431, 141.133



71, 4.558, 157.564



37, 4.542, 141.109



55, 81.104, 135.388



7, 15.822, 142.114

Inverse Universe

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



69, 5.809, 321.607



88, 8.461, 321.659



69, 4.586, 338.161



36, 4.559, 321.682



33, 79.532, 323.999



2, 15.452, 319.891

Previews

White Background



This preview shows how the CIELCh color 71, 5.785, 141.188 looks on a white background.

Color Contrast Check

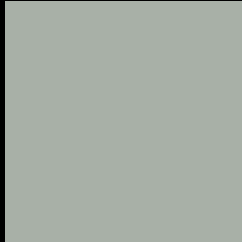
Large Text (above 18pt) WCAG AA × Fail

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 71, 5.785, 141.188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

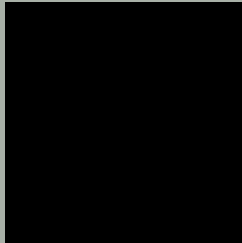
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

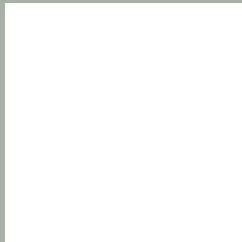
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 5.785, 141.188

Background



This preview shows how black text looks on a background with the CIELCh color 71, 5.785, 141.188.



This preview shows how white text looks on a background with the CIELCh color 71, 5.785, 141.188.

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


71, 5.785, 141.188

Protanopia

71, 4.909, 81.706

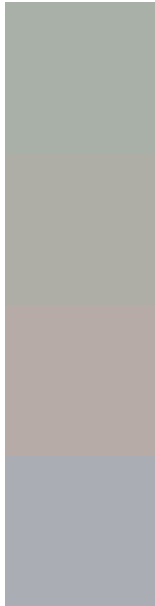
Deuteranopia

71, 9.273, 16.824



Tritanopia
71, 7.672, 285.524

Trichromacy



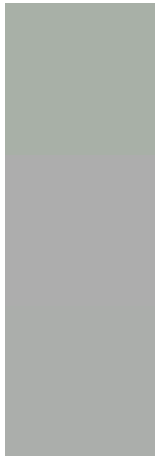
Original Color
71, 5.785, 141.188

Protanomaly
71, 4.361, 104.708

Deuteranomaly
71, 4.874, 39.217

Tritanomaly
71, 3.572, 266.204

Monochromacy



Original Color
71, 5.785, 141.188

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 1.992, 144.465

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 5.785, 141.188 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(168, 176, 167)` looks like.

```
.text, #text, p{  
    color:rgb(168, 176, 167)  
}
```

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(168, 176, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 176, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 5.785, 141.188 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(168, 176, 167) }
```

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

```
.border{ border-color:rgb(168, 176, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 176, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 176, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 176, 167);  
box-shadow:4px 4px 4px 4px rgb(168, 176,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 5.785, 141.188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 176, 167) }
```

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

```
.background{ background-color: rgb(168,  
176, 167) }
```

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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