

Converting Colors

CIELCh(71, 5.115, 111.728)

Have a look what the booklet for
CIELCh(71, 5.115, 111.728) contains.

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Color

CIELCh(71, 5.450, 113.650)

Conversions

Conversions Part 1

Format	Color
Hex	AEAFA5
RGB	174, 175, 165
RGB Percent	68%, 69%, 65%
CMY	0.3190, 0.3151, 0.3543
CMYK	0.01, 0.00, 0.06, 0.32
HSL	66°, 6%, 67%
HSV	66°, 6%, 68%
XYZ	39.4007, 42.1875, 41.4996
YIQ	173.5610, 2.6140, -3.3220

Conversions

Conversions Part 2

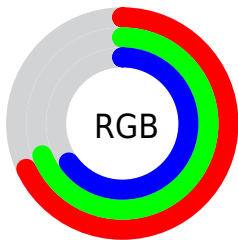
Format	Color
RYB	165, 175, 166
Decimal	11448229
CIELab	71.00, -2.19, 4.99
CIELCh	71, 5.450, 113.650
Yxy	42.1875, 0.3201, 0.3427
Android (android.graphics.Color)	4289638309 (0xFFAEAF5)
YUV	173.5610, -4.2206, 0.3850
Hunter-Lab	64.9519, -5.3853, 7.5843

Details

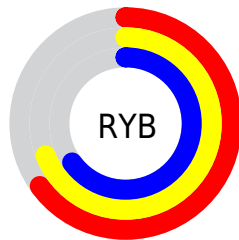
The CIELCh color **71, 5.450, 113.650** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 5.533, 294.594**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 5.177, 113.752**, and **51, 5.813, 113.478** is the 20% darker color. If you saturate the color by 10%, you get **70, 14.954, 112.860**, and if you desaturate by 10%, it is **72, 4.089, 294.459**.

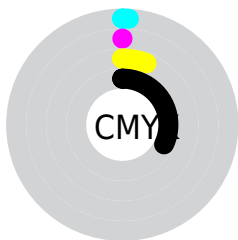
Distribution



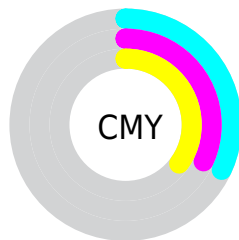
- Red (68%)
- Green (69%)
- Blue (65%)



- Red (65%)
- Yellow (69%)
- Blue (65%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (32%)



- Cyan (32%)
- Magenta (32%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 5.450, 113.650 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, 5.450, 113.650 by changing the saturation by 10% instead.

■ 71, 5.450, 113.650

■ 71, 5.450, 113.650

■ 100, 5.450,
113.650

■ 61, 5.450, 113.650

■ 91, 5.450, 113.650

■ 51, 5.450, 113.650

■ 41, 5.450, 113.650

■ 31, 5.450, 113.650

■ 21, 5.450, 113.650

■ 11, 5.450, 113.650

■ 1, 5.450, 113.650

■ 0, 5.450, 113.650

■ 71, 5.450, 113.650

■ 71, 5.450, 113.650

70, 14.954,
112.860

72, 4.089, 294.459

70, 24.361,
112.050

72, 13.630,
295.216

70, 33.586,
111.253

73, 23.143,
295.943

69, 42.499,
110.493

74, 32.607,
296.635

69, 50.902,
109.806

75, 42.007,
297.289

68, 58.503,
109.237

75, 43.650,
297.987

68, 64.913,
108.848

75, 43.689,
298.701

68, 69.693,
108.704

75, 43.735,
299.418

68, 72.554,

75, 43.786,
300.137

Harmonies

Complementary

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



71, 5.450, 113.650



68, 5.533, 294.594

Rectangle

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



71, 5.450, 113.650



71, 5.450, 163.650



71, 5.450, 293.650



71, 5.450, 343.650

Sweetspot

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



71, 5.452, 113.662



90, 2.351, 113.947



69, 3.485, 28.599



48, 1.347, 113.955



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, 5.452, 113.662



90, 8.249, 113.551



71, 5.925, 132.273



37, 4.288, 113.526



59, 65.831, 108.885



7, 11.414, 115.783

Inverse Universe

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



68, 5.533, 294.594



85, 8.392, 294.715



68, 5.974, 312.694



34, 4.364, 294.743



17, 89.693, 306.686



1, 11.374, 293.395

Previews

White Background



This preview shows how the CIELCh color 71, 5.450, 113.650 looks on a white background.

Color Contrast Check

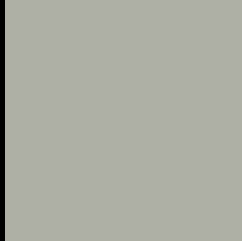
Large Text (above 18pt) WCAG AA × Fail

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, 5.450, 113.650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

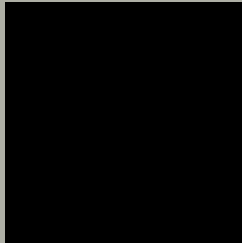
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

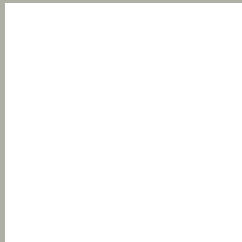
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 5.450, 113.650

Background



This preview shows how black text looks on a background with the CIELCh color 71, 5.450, 113.650.



This preview shows how white text looks on a background with the CIELCh color 71, 5.450, 113.650.

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, 5.450, 113.650

Protanopia

71, 5.399, 84.326

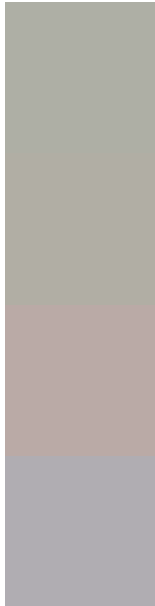
Deuteranopia

71, 9.776, 26.554



Tritanopia
71, 7.365, 305.285

Trichromacy



Original Color
71, 5.450, 113.650

Protanomaly
71, 5.547, 97.626

Deuteranomaly
71, 6.546, 39.205

Tritanomaly
71, 2.969, 312.551

Monochromacy



Original Color
71, 5.450, 113.650

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.208, 119.783

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 5.450, 113.650 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(174, 175, 165)` looks like.

```
.text, #text, p{  
    color:rgb(174, 175, 165)  
}
```

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(174, 175, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 175, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 5.450, 113.650 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(174, 175, 165) }
```

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

```
.border{ border-color:rgb(174, 175, 165) }
```

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

Here you see how a box with a 4 pixel rgb(174, 175, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 175, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 175, 165);  
box-shadow:4px 4px 4px 4px rgb(174, 175,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 5.450, 113.650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 175, 165) }
```

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

```
.background{ background-color: rgb(174,  
175, 165) }
```

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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