

Converting Colors

CIELCh(71, 35.006, 121.126)

Have a look what the booklet for
CIELCh(71, 35.006, 121.126)
contains.

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Color

CIELCh(71, 35.251, 120.919)

Conversions

Conversions Part 1

Format	Color
Hex	A1B676
RGB	161, 182, 118
RGB Percent	63%, 71%, 46%
CMY	0.3697, 0.2874, 0.5383
CMYK	0.12, 0.00, 0.35, 0.29
HSL	80°, 30%, 59%
HSV	80°, 35%, 71%
XYZ	34.5638, 42.1875, 23.3769
YIQ	168.4250, 8.0280, -24.3560

Conversions

Conversions Part 2

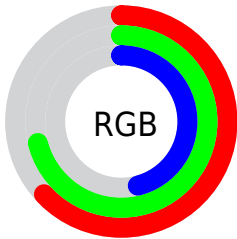
Format	Color
RYB	118, 182, 139
Decimal	10598006
CIELab	71.00, -18.11, 30.24
CIElCh	71, 35.251, 120.919
Yxy	42.1875, 0.3452, 0.4213
Android (android.graphics.Color)	4288788086 (0xFFA1B676)
YUV	168.4250, -24.8595, -6.5117
Hunter-Lab	64.9519, -18.6781, 24.1272

Details

The CIELCh color **71, 35.251, 120.919** is a light color, and the websafe version is hex **999966**. A complement of this color would be **54, 37.762, 305.168**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 35.140, 120.695**, and **51, 35.023, 121.287** is the 20% darker color. If you saturate the color by 10%, you get **70, 44.834, 120.406**, and if you desaturate by 10%, it is **72, 25.381, 121.474**.

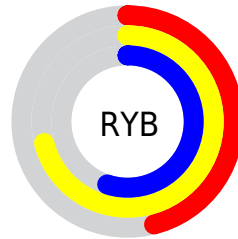
Distribution



Red (63%)

Green (71%)

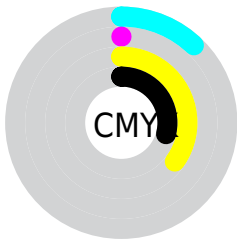
Blue (46%)



Red (46%)

Yellow (71%)

Blue (55%)

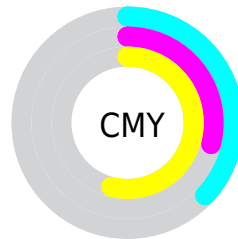


Cyan (12%)

Magenta (0%)

Yellow (35%)

Black (29%)



Cyan (37%)


Magenta (29%)


Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 35.251, 120.919 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, 35.251, 120.919 by changing the saturation by 10% instead.


 71, 35.251,
120.919


 71, 35.251,
120.919


 100, 35.251,
120.919


 61, 35.251,
120.919


 91, 35.251,
120.919

 51, 35.251,
120.919

 41, 35.251,
120.919

 31, 35.251,
120.919

 21, 35.251,
120.919

 11, 35.251,
120.919

 1, 35.251, 120.919

■ 0, 35.251, 120.919

■ 71, 35.251,
120.919

■ 71, 35.251,
120.919

■ 70, 44.834,
120.406

■ 72, 25.381,
121.474

■ 70, 53.929,
119.974

■ 73, 15.352,
122.036

■ 69, 62.250,
119.693

■ 73, 5.257, 122.591

■ 69, 69.409,
119.658

■ 74, 4.843, 303.095

■ 68, 74.964,
119.979

■ 75, 14.901,
303.599

■ 68, 78.593,
120.751

■ 76, 24.888,
304.064

■ 78, 34.779,

■ 68, 79.941,
121.197

304.495

■ 78, 40.374,
305.943

■ 79, 40.804,
308.676

Harmonies

Complementary

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



71, 35.251, 120.919



54, 37.762, 305.168

Rectangle

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



71, 35.251, 120.919



71, 35.251, 170.919



71, 35.251, 300.919



71, 35.251, 350.919

Sweetspot

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



71, 35.253, 120.921



93, 13.787, 122.260



61, 22.149, 51.347



50, 9.338, 122.185



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



71, 35.253, 120.921



90, 51.857, 120.529



69, 40.216, 137.372



38, 5.767, 122.362



59, 71.183, 121.016



9, 16.155, 127.008

Inverse Universe

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



54, 37.762, 305.168



64, 56.535, 305.773



57, 40.774, 320.858



36, 5.871, 303.375



20, 89.179, 308.840



1, 15.629, 299.705

Previews

White Background



This preview shows how the CIELCh color 71, 35.251, 120.919 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, 35.251, 120.919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

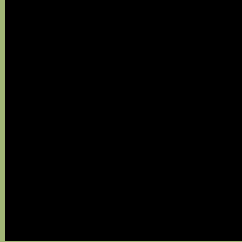
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 35.251, 120.919

Background



This preview shows how black text looks on a background with the CIELCh color 71, 35.251, 120.919.



This preview shows how white text looks on a background with the CIELCh color 71, 35.251, 120.919.

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, 35.251, 120.919

Protanopia

71, 32.424, 95.619

Deuteranopia

71, 30.390, 72.579



Tritanopia
71, 7.708, 282.852

Trichromacy



Original Color
71, 35.251, 120.919

Protanomaly
71, 32.717, 105.409

Deuteranomaly
71, 29.156, 92.224

Tritanomaly
71, 8.388, 133.587

Monochromacy



Original Color
71, 35.251, 120.919

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 12.938, 122.894

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 35.251, 120.919 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(161, 182, 118)` looks like.

```
.text, #text, p{  
    color:rgb(161, 182, 118)  
}
```

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(161, 182, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 182, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 35.251, 120.919 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(161, 182, 118) }
```

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

```
.border{ border-color:rgb(161, 182, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 182, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 182, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 182, 118);  
box-shadow:4px 4px 4px 4px rgb(161, 182,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 35.251, 120.919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 182, 118) }
```

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

```
.background{ background-color: rgb(161,  
182, 118) }
```

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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