

Converting Colors

CIELCh(71, 25.375, 119.625)

Have a look what the booklet for
CIELCh(71, 25.375, 119.625)
contains.

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Color

CIELCh(71, 25.350, 119.633)

Conversions

Conversions Part 1

Format	Color
Hex	A6B385
RGB	166, 179, 133
RGB Percent	65%, 70%, 52%
CMY	0.3479, 0.2969, 0.4774
CMYK	0.07, 0.00, 0.26, 0.30
HSL	77°, 23%, 61%
HSV	77°, 26%, 70%
XYZ	36.2101, 42.1875, 28.5200
YIQ	169.8690, 7.0180, -17.0620

Conversions

Conversions Part 2

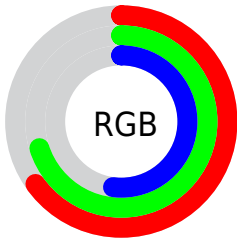
Format	Color
RYB	133, 179, 146
Decimal	10924933
CIELab	71.00, -12.53, 22.03
CIELCh	71, 25.350, 119.633
Yxy	42.1875, 0.3387, 0.3946
Android (android.graphics.Color)	4289115013 (0xFFA6B385)
YUV	169.8690, -18.1764, -3.3931
Hunter-Lab	64.9519, -14.1537, 19.4325

Details

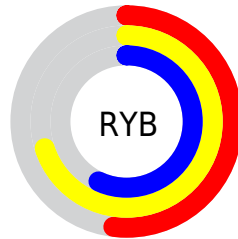
The CIELCh color **71, 25.350, 119.633** is a light color, and the websafe version is hex **999966**. A complement of this color would be **58, 26.679, 302.879**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 25.719, 120.025**, and **51, 25.148, 119.050** is the 20% darker color. If you saturate the color by 10%, you get **70, 35.014, 119.047**, and if you desaturate by 10%, it is **72, 15.522, 120.235**.

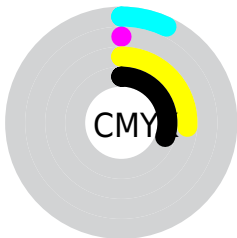
Distribution



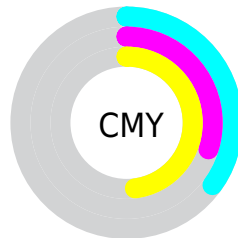
- Red (65%)
- Green (70%)
- Blue (52%)



- Red (52%)
- Yellow (70%)
- Blue (57%)



- Cyan (7%)
- Magenta (0%)
- Yellow (26%)
- Black (30%)





- Cyan (35%)
- Magenta (30%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 25.350, 119.633 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, 25.350, 119.633 by changing the saturation by 10% instead.


 71, 25.350,
119.633


 71, 25.350,
119.633


 100, 25.350,
119.633


 61, 25.350,
119.633


 91, 25.350,
119.633

 51, 25.350,
119.633

 41, 25.350,
119.633

 31, 25.350,
119.633

 21, 25.350,
119.633

 11, 25.350,
119.633

 1, 25.350, 119.633

■ 0, 25.350, 119.633

■ 71, 25.350,
119.633

■ 71, 25.350,
119.633

■ 70, 35.014,
119.047

■ 72, 15.522,
120.235

■ 70, 44.377,
118.499

■ 73, 5.615, 120.829

■ 69, 53.241,
118.036

■ 73, 4.308, 301.381

■ 69, 61.319,
117.725

■ 74, 14.202,
301.927

■ 68, 68.222,
117.654

■ 75, 24.038,
302.435

■ 68, 73.510,
117.929

■ 76, 33.790,
302.909

■ 77, 41.483,

■ 67,76.886,
118.634

303.731

■ 67,78.041,
118.997

■ 78,41.775,
305.978

■ 78,42.126,
308.218

Harmonies

Complementary

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



71, 25.350, 119.633



58, 26.679, 302.879

Rectangle

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



71, 25.350, 119.633



71, 25.350, 169.633



71, 25.350, 299.633



71, 25.350, 349.633

Sweetspot

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



71, 25.352, 119.636



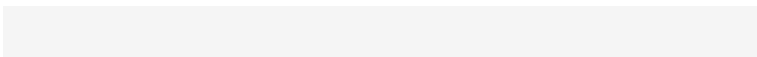
91, 9.781, 120.683



63, 15.612, 46.293



49, 7.007, 120.594



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



71, 25.352, 119.636



89, 37.646, 119.288



69, 28.606, 136.551



37, 5.594, 120.613



58, 69.361, 118.825



8, 13.814, 124.886

Inverse Universe

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



58, 26.679, 302.879



70, 40.146, 303.357



60, 29.011, 318.906



35, 5.700, 301.706



19, 88.792, 308.236



1, 13.492, 298.694

Previews

White Background



This preview shows how the CIELCh color 71, 25.350, 119.633 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 71, 25.350, 119.633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

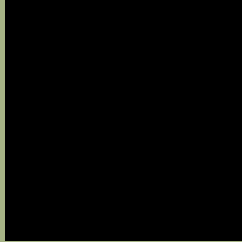
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 25.350, 119.633

Background



This preview shows how black text looks on a background with the CIELCh color 71, 25.350, 119.633.



This preview shows how white text looks on a background with the CIELCh color 71, 25.350, 119.633.

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, 25.350, 119.633

Protanopia

71, 23.387, 94.599

Deuteranopia

71, 22.740, 67.401



Tritanopia
71, 7.702, 296.364

Trichromacy



Original Color
71, 25.350, 119.633

Protanomaly
71, 23.293, 103.802

Deuteranomaly
71, 21.110, 86.432

Tritanomaly
71, 4.622, 128.896

Monochromacy



Original Color
71, 25.350, 119.633

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 8.865, 119.349

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 25.350, 119.633 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(166, 179, 133)` looks like.

```
.text, #text, p{  
    color:rgb(166, 179, 133)  
}
```

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(166, 179, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 179, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 25.350, 119.633 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(166, 179, 133) }
```

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

```
.border{ border-color:rgb(166, 179, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 179, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 179, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 179, 133);  
box-shadow:4px 4px 4px 4px rgb(166, 179,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 25.350, 119.633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 179, 133) }
```

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

```
.background{ background-color: rgb(166,  
179, 133) }
```

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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