

Converting Colors

CIELCh(71, 31.514, 117.941)

Have a look what the booklet for
CIELCh(71, 31.514, 117.941)
contains.

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Color

CIELCh(71, 31.610, 117.548)

Conversions

Conversions Part 1

Format	Color
Hex	A6B47A
RGB	166, 180, 122
RGB Percent	65%, 71%, 48%
CMY	0.3488, 0.2939, 0.5213
CMYK	0.08, 0.00, 0.32, 0.29
HSL	74°, 28%, 59%
HSV	74°, 32%, 71%
XYZ	35.5888, 42.1875, 24.6985
YIQ	169.2020, 10.2740, -21.0060

Conversions

Conversions Part 2

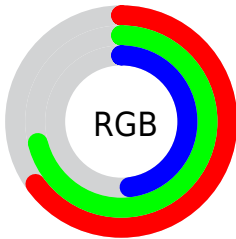
Format	Color
RYB	122, 180, 136
Decimal	10925178
CIELab	71.00, -14.62, 28.03
CIELCh	71, 31.610, 117.548
Yxy	42.1875, 0.3473, 0.4117
Android (android.graphics.Color)	4289115258 (0xFFA6B47A)
YUV	169.2020, -23.2706, -2.8082
Hunter-Lab	64.9519, -15.8613, 22.9208

Details

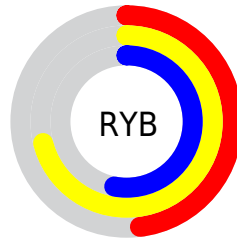
The CIELCh color **71, 31.610, 117.548** is a light color, and the websafe version is hex **999966**. A complement of this color would be **55, 33.874, 302.048**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 31.661, 117.434**, and **51, 31.736, 117.512** is the 20% darker color. If you saturate the color by 10%, you get **70, 41.053, 116.945**, and if you desaturate by 10%, it is **72, 21.915, 118.185**.

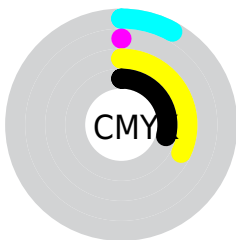
Distribution



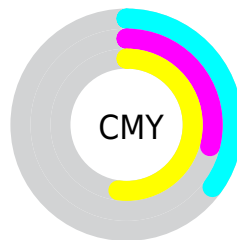
- Red (65%)
- Green (71%)
- Blue (48%)



- Red (48%)
- Yellow (71%)
- Blue (53%)



- Cyan (8%)
- Magenta (0%)
- Yellow (32%)
- Black (29%)





- Cyan (35%)
- Magenta (29%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 31.610, 117.548 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, 31.610, 117.548 by changing the saturation by 10% instead.


 71, 31.610,
117.548


 71, 31.610,
117.548


 100, 31.610,
117.548


 61, 31.610,
117.548


 91, 31.610,
117.548

 51, 31.610,
117.548

 41, 31.610,
117.548

 31, 31.610,
117.548

 21, 31.610,
117.548

 11, 31.610,
117.548

 1, 31.610, 117.548

■ 0, 31.610, 117.548

■ 71, 31.610,
117.548

■ 71, 31.610,
117.548

■ 70, 41.053,
116.945

■ 72, 21.915,
118.185

■ 70, 50.066,
116.407

■ 72, 12.080,
118.824

■ 69, 58.392,
115.992

■ 73, 2.184, 119.459

■ 74, 7.718, 300.046

■ 69, 65.672,
115.776

■ 75, 17.589,
300.620

■ 69, 71.469,
115.856

■ 76, 27.400,
301.159

■ 68, 75.392,
116.324

■ 77, 37.132,

■ 68, 77.393,
116.904

301.663

■ 77, 40.956,
303.052

■ 78, 41.190,
305.004

Harmonies

Complementary

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



71, 31.610, 117.548



55, 33.874, 302.048

Rectangle

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



71, 31.610, 117.548



71, 31.610, 167.548



71, 31.610, 297.548



71, 31.610, 347.548

Sweetspot

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



71, 31.612, 117.550



92, 12.265, 118.954



60, 20.487, 42.619



49, 8.360, 118.866



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, 31.612, 117.550



90, 47.154, 117.095



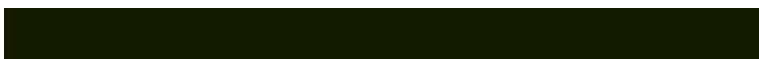
69, 35.629, 135.198



37, 5.563, 119.008



59, 68.576, 116.745



8, 13.701, 123.070

Inverse Universe

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



55, 33.874, 302.048



65, 51.513, 302.770



57, 36.367, 318.148



35, 5.672, 300.187



19, 89.368, 307.761



1, 13.448, 297.469

Previews

White Background



This preview shows how the CIELCh color 71, 31.610, 117.548 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, 31.610, 117.548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

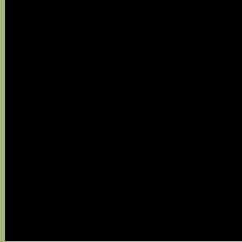
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 31.610, 117.548

Background



This preview shows how black text looks on a background with the CIELCh color 71, 31.610, 117.548.



This preview shows how white text looks on a background with the CIELCh color 71, 31.610, 117.548.

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, 31.610, 117.548

Protanopia

71, 29.839, 94.984

Deuteranopia

71, 28.305, 71.152



Tritanopia
71, 7.702, 296.364

Trichromacy



Original Color
71, 31.610, 117.548

Protanomaly
71, 30.141, 103.971

Deuteranomaly
71, 26.874, 89.379

Tritanomaly
71, 6.716, 122.694

Monochromacy



Original Color
71, 31.610, 117.548

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 11.616, 118.699

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 31.610, 117.548 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, 180, 122)` looks like.

```
.text, #text, p{  
    color:rgb(166, 180, 122)  
}
```

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, 180, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 180, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 31.610, 117.548 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, 180, 122) }
```

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

```
.border{ border-color:rgb(166, 180, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 180, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 180, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 180, 122);  
box-shadow:4px 4px 4px 4px rgb(166, 180,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 31.610, 117.548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 180, 122) }
```

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

```
.background{ background-color: rgb(166,  
180, 122) }
```

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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