

Converting Colors

CIELCh(71, 25.967, 106.836)

Have a look what the booklet for
CIELCh(71, 25.967, 106.836)
contains.

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Color

CIELCh(71, 25.878, 106.665)

Conversions

Conversions Part 1

Format	Color
Hex	B1B080
RGB	177, 176, 128
RGB Percent	69%, 69%, 50%
CMY	0.3042, 0.3081, 0.4964
CMYK	0.00, 0.01, 0.28, 0.30
HSL	59°, 24%, 60%
HSV	59°, 28%, 70%
XYZ	37.7642, 42.1875, 26.7163
YIQ	170.8270, 16.0040, -14.7160

Conversions

Conversions Part 2

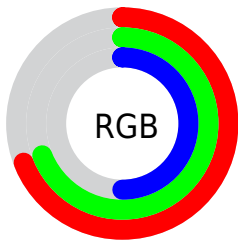
Format	Color
RYB	129, 177, 128
Decimal	11645056
CIELab	71.00, -7.42, 24.79
CIELCh	71, 25.878, 106.665
Yxy	42.1875, 0.3540, 0.3955
Android (android.graphics.Color)	4289835136 (0xFFB1B080)
YUV	170.8270, -21.1137, 5.4137
Hunter-Lab	64.9519, -9.8828, 21.0789

Details

The CIELCh color **71, 25.878, 106.665** is a light color, and the websafe version is hex **999966**. A complement of this color would be **56, 27.553, 292.681**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 26.178, 107.200**, and **51, 26.261, 106.755** is the 20% darker color. If you saturate the color by 10%, you get **71, 34.990, 105.705**, and if you desaturate by 10%, it is **71, 16.582, 107.645**.

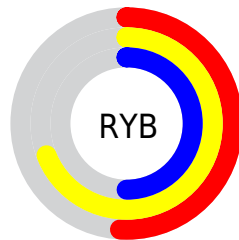
Distribution



Red (69%)

Green (69%)

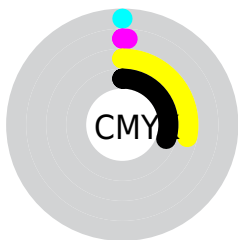
Blue (50%)



Red (51%)

Yellow (69%)

Blue (50%)

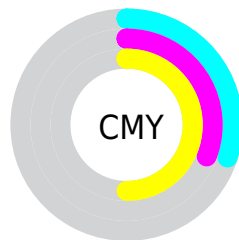


Cyan (0%)

Magenta (1%)

Yellow (28%)

Black (30%)



Cyan (30%)

Magenta (31%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 25.878, 106.665 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, 25.878, 106.665 by changing the saturation by 10% instead.


 71, 25.878,
106.665


 71, 25.878,
106.665


 100, 25.878,
106.665


 61, 25.878,
106.665


 91, 25.878,
106.665

 51, 25.878,
106.665

 41, 25.878,
106.665

 31, 25.878,
106.665

 21, 25.878,
106.665

 11, 25.878,
106.665

 1, 25.878, 106.665

■ 0, 25.878, 106.665

■ 71, 25.878,
106.665

■ 71, 25.878,
106.665

■ 71, 34.990,
105.705

■ 71, 16.582,
107.645

■ 70, 43.773,
104.774

■ 72, 7.187, 108.614

■ 70, 52.010,
103.901

■ 73, 2.246, 289.611

■ 70, 59.383,
103.120

■ 73, 11.680,
290.521

■ 70, 65.466,
102.464

■ 74, 21.091,
291.420

■ 69, 69.806,
101.966

■ 74, 30.459,
292.284

■ 75, 39.774,

■ 69, 72.238,
101.631

293.107

■ 69, 72.717,
101.561

■ 75, 40.840,
293.057

■ 76, 40.632,
292.875

Harmonies

Complementary

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



71, 25.878, 106.665



56, 27.553, 292.681

Rectangle

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



71, 25.878, 106.665



71, 25.878, 156.665



71, 25.878, 286.665



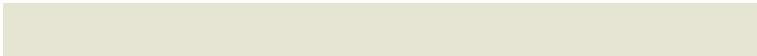
71, 25.878, 336.665

Sweetspot

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



71, 25.879, 106.669



91, 9.289, 108.566



59, 20.290, 19.029



48, 6.595, 108.423



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, 25.879, 106.669



89, 37.954, 106.095



70, 28.072, 126.604



38, 5.361, 108.451



60, 65.203, 101.576



8, 12.891, 108.877

Inverse Universe

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



56, 27.553, 292.681



67, 41.068, 293.607



57, 29.241, 309.269



35, 5.473, 290.323



17, 90.367, 305.978



1, 13.106, 289.546

Previews

White Background



This preview shows how the CIELCh color 71, 25.878, 106.665 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, 25.878, 106.665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

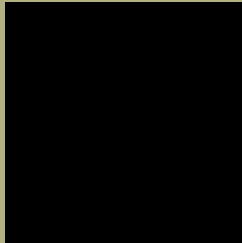
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

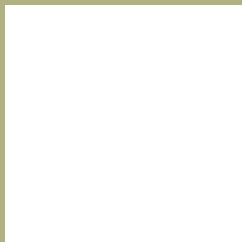
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 25.878, 106.665

Background



This preview shows how black text looks on a background with the CIELCh color 71, 25.878, 106.665.



This preview shows how white text looks on a background with the CIELCh color 71, 25.878, 106.665.

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, 25.878, 106.665

Protanopia

71, 25.978, 95.602

Deuteranopia

71, 25.929, 70.184



Tritanopia
71, 9.511, 326.714

Trichromacy



Original Color
71, 25.878, 106.665

Protanomaly
71, 25.644, 99.268

Deuteranomaly
71, 24.691, 82.897

Tritanomaly
71, 6.230, 71.238

Monochromacy



Original Color
71, 25.878, 106.665

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 9.253, 109.242

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 25.878, 106.665 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(177, 176, 128)` looks like.

```
.text, #text, p{  
    color:rgb(177, 176, 128)  
}
```

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(177, 176, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 176, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 25.878, 106.665 is called "border". The border property can be set on classes, ids or directly on the HTML element.

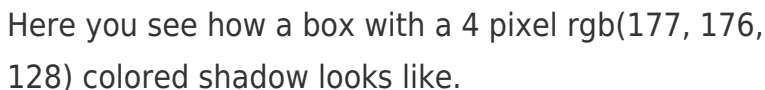
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 176, 128) }
```

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

```
.border{ border-color:rgb(177, 176, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 176, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 176, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 176, 128);  
box-shadow:4px 4px 4px 4px rgb(177, 176,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 25.878, 106.665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 176, 128) }
```

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

```
.background{ background-color: rgb(177,  
176, 128) }
```

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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