

Converting Colors

CIELCh(71, 26.813, 110.309)

Have a look what the booklet for
CIELCh(71, 26.813, 110.309)
contains.

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Color

CIELCh(71, 26.416, 110.202)

Conversions

Conversions Part 1

Format	Color
Hex	AEB180
RGB	174, 177, 128
RGB Percent	68%, 69%, 50%
CMY	0.3163, 0.3045, 0.4967
CMYK	0.02, 0.00, 0.28, 0.30
HSL	64°, 24%, 60%
HSV	64°, 28%, 70%
XYZ	37.2423, 42.1875, 26.7164
YIQ	170.5170, 13.9410, -15.8750

Conversions

Conversions Part 2

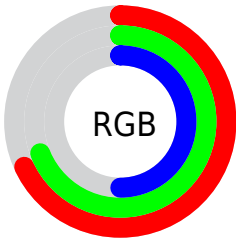
Format	Color
RYB	128, 177, 131
Decimal	11448704
CIELab	71.00, -9.12, 24.79
CIELCh	71, 26.416, 110.202
Yxy	42.1875, 0.3509, 0.3974
Android (android.graphics.Color)	4289638784 (0xFFAEB180)
YUV	170.5170, -20.9609, 3.0546
Hunter-Lab	64.9519, -11.3171, 21.0788

Details

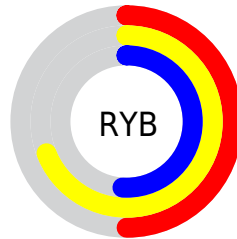
The CIELCh color **71, 26.416, 110.202** is a light color, and the websafe version is hex **999966**. A complement of this color would be **56, 28.192, 295.512**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 26.698, 110.480**, and **51, 26.847, 110.517** is the 20% darker color. If you saturate the color by 10%, you get **71, 35.688, 109.357**, and if you desaturate by 10%, it is **71, 16.941, 111.070**.

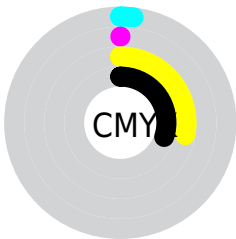
Distribution



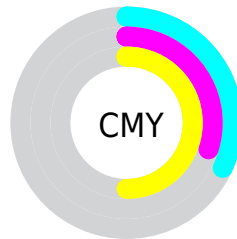
- Red (68%)
- Green (69%)
- Blue (50%)



- Red (50%)
- Yellow (69%)
- Blue (51%)



- Cyan (2%)
- Magenta (0%)
- Yellow (28%)
- Black (30%)





- Cyan (32%)
- Magenta (30%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 26.416, 110.202 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, 26.416, 110.202 by changing the saturation by 10% instead.


 71, 26.416,
110.202


 71, 26.416,
110.202


 100, 26.416,
110.202


 61, 26.416,
110.202


 91, 26.416,
110.202

 51, 26.416,
110.202

 41, 26.416,
110.202

 31, 26.416,
110.202

 21, 26.416,
110.202

 11, 26.416,
110.202

 1, 26.416, 110.202

■ 0, 26.416, 110.202

■ 71, 26.416,
110.202

■ 71, 26.416,
110.202

■ 71, 35.688,
109.357

■ 71, 16.941,
111.070

■ 70, 44.606,
108.551

■ 72, 7.353, 111.932

■ 70, 52.955,
107.820

■ 72, 2.286, 292.802

■ 70, 60.415,
107.208

■ 73, 11.933,
293.614

■ 70, 66.569,
106.770

■ 74, 21.559,
294.406

■ 69, 70.982,
106.559

■ 74, 31.144,
295.162

■ 75, 40.671,

■ 69, 73.507,
106.593

295.881

■ 69, 74.007,
106.612

■ 75, 42.032,
296.372

■ 75, 42.049,
296.830

Harmonies

Complementary

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



71, 26.416, 110.202



56, 28.192, 295.512

Rectangle

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



71, 26.416, 110.202



71, 26.416, 160.202



71, 26.416, 290.202



71, 26.416, 340.202

Sweetspot

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



71, 26.417, 110.206



91, 9.494, 111.889



59, 19.455, 25.442



48, 6.740, 111.763



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, 26.417, 110.206



89, 38.728, 109.700



69, 28.671, 129.558



38, 5.479, 111.788



60, 66.369, 106.569



8, 13.345, 113.773

Inverse Universe

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



56, 28.192, 295.512



67, 42.018, 296.316



58, 29.646, 312.042



35, 5.598, 293.439



17, 91.052, 306.514



1, 13.330, 292.039

Previews

White Background



This preview shows how the CIELCh color 71, 26.416, 110.202 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, 26.416, 110.202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

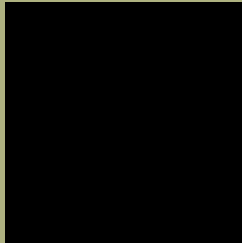
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 26.416, 110.202

Background



This preview shows how black text looks on a background with the CIELCh color 71, 26.416, 110.202.



This preview shows how white text looks on a background with the CIELCh color 71, 26.416, 110.202.

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, 26.416, 110.202

Protanopia

71, 25.578, 94.490

Deuteranopia

71, 25.486, 69.535



Tritanopia
71, 8.711, 318.688

Trichromacy



Original Color
71, 26.416, 110.202

Protanomaly
71, 26.061, 101.182

Deuteranomaly
71, 24.301, 84.705

Tritanomaly
71, 5.399, 84.326

Monochromacy



Original Color
71, 26.416, 110.202

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 9.808, 111.465

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 26.416, 110.202 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, 177, 128)` looks like.

```
.text, #text, p{  
    color:rgb(174, 177, 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(174, 177, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 177, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 26.416, 110.202 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, 177, 128) }
```

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

```
.border{ border-color:rgb(174, 177, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 177, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 177, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 177, 128);  
box-shadow:4px 4px 4px 4px rgb(174, 177,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 26.416, 110.202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 177, 128) }
```

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

```
.background{ background-color: rgb(174,  
177, 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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