

Converting Colors

CIELCh(73, 28.884, 107.341)

Have a look what the booklet for
CIELCh(73, 28.884, 107.341)
contains.

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Color

CIELCh(73, 28.884, 107.341)

Conversions

Conversions Part 1

Format	Color
Hex	B6B680
RGB	182, 182, 128
RGB Percent	71%, 71%, 50%
CMY	0.2848, 0.2848, 0.4967
CMYK	0.00, 0.00, 0.30, 0.28
HSL	60°, 27%, 61%
HSV	60°, 30%, 72%
XYZ	40.1017, 45.1644, 27.1463
YIQ	175.8440, 17.3340, -16.7940

Conversions

Conversions Part 2

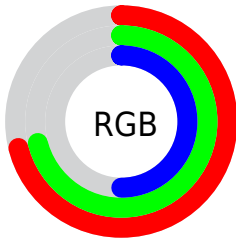
Format	Color
R_{YB}	128, 182, 128
Decimal	11974272
CIE _{Lab}	73.00, -8.61, 27.57
CIE _{LCh}	73, 28.884, 107.341
Yxy	45.1644, 0.3567, 0.4018
Android (android.graphics.Color)	4290164352 (0xFFB6B680)
YUV	175.8440, -23.5871, 5.3988
Hunter-Lab	67.2044, -11.0948, 23.0938

Details

The CIELCh color **73, 28.884, 107.341** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56, 31.010, 293.767**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 29.088, 107.088**, and **53, 28.842, 107.411** is the 20% darker color. If you saturate the color by 10%, you get **73, 38.299, 106.410**, and if you desaturate by 10%, it is **73, 19.237, 108.301**.

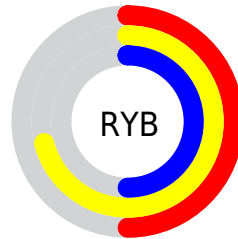
Distribution



Red (71%)

Green (71%)

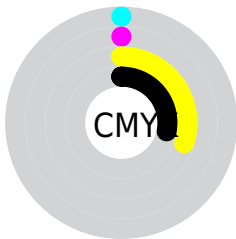
Blue (50%)



Red (50%)

Yellow (71%)

Blue (50%)

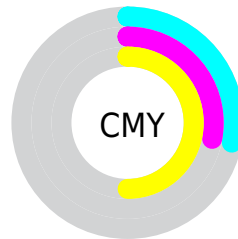


Cyan (0%)

Magenta (0%)

Yellow (30%)

Black (28%)



Cyan (28%)


Magenta (28%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 28.884, 107.341 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 73, 28.884, 107.341 by changing the saturation by 10% instead.


 73, 28.884,
107.341


 73, 28.884,
107.341


 100, 28.884,
107.341


 63, 28.884,
107.341


 93, 28.884,
107.341

 53, 28.884,
107.341

 43, 28.884,
107.341

 33, 28.884,
107.341

 23, 28.884,
107.341

 13, 28.884,
107.341

 3, 28.884, 107.341

0, 28.884, 107.341

73, 28.884,
107.341

73, 28.884,
107.341

73, 38.299,
106.410

73, 19.237,
108.301

72, 47.313,
105.519

74, 9.458, 109.258

72, 55.679,
104.703

74, 0.381, 290.371

72, 63.045,
103.996

75, 10.237,
291.147

72, 68.964,
103.439

75, 20.079,
292.043

72, 73.007,
103.065

76, 29.885,
292.905

77, 39.102,

■ 72, 75.265,
102.858

293.684

■ 72, 75.343,
102.851

■ 77, 39.102,
293.684

■ 77, 39.102,
293.684

Harmonies

Complementary

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



73, 28.884, 107.341



56, 31.010, 293.767

Rectangle

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



73, 28.884, 107.341



73, 28.884, 157.341



73, 28.884, 287.341



73, 28.884, 337.341

Sweetspot

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



73, 28.885, 107.345



93, 10.952, 109.302



59, 22.449, 20.558



50, 7.671, 109.164



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



73, 28.885, 107.345



92, 43.210, 106.688



71, 30.880, 127.108



39, 5.599, 109.284



62, 66.992, 102.851



10, 15.132, 108.837

Inverse Universe

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



56, 31.010, 293.767



66, 47.352, 294.890



58, 32.222, 309.939



35, 5.722, 291.134



17, 92.504, 306.287



1, 15.385, 290.297

Previews

White Background



This preview shows how the CIELCh color 73, 28.884, 107.341 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 73, 28.884, 107.341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

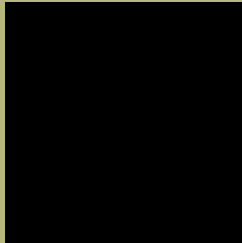
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 28.884, 107.341

Background



This preview shows how black text looks on a background with the CIELCh color 73, 28.884, 107.341.



This preview shows how white text looks on a background with the CIELCh color 73, 28.884, 107.341.

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

73, 28.884, 107.341

Protanopia

73, 28.536, 95.632

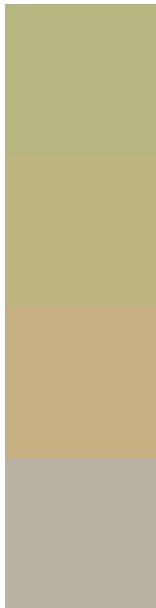
Deuteranopia

73, 28.086, 71.286



Tritanopia
73, 9.025, 328.737

Trichromacy



Original Color
73, 28.884, 107.341

Protanomaly
73, 28.661, 99.887

Deuteranomaly
73, 27.003, 84.994

Tritanomaly
73, 7.350, 81.288

Monochromacy



Original Color
73, 28.884, 107.341

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 10.286, 109.160

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 28.884, 107.341 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(182, 182, 128)` looks like.

```
.text, #text, p{  
    color:rgb(182, 182, 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(182, 182, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 182, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 28.884, 107.341 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(182, 182, 128) }
```

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

```
.border{ border-color:rgb(182, 182, 128) }
```

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

Here you see how a box with a 4 pixel rgb(182, 182, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 182, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 182, 128);  
box-shadow:4px 4px 4px 4px rgb(182, 182,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 28.884, 107.341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 182, 128) }
```

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

```
.background{ background-color: rgb(182,  
182, 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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