

Converting Colors

CIELCh(73, 17.258, 107.176)

Have a look what the booklet for
CIELCh(73, 17.258, 107.176)
contains.

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Color

CIELCh(73, 17.240, 107.168)

Conversions

Conversions Part 1

Format	Color
Hex	B6B595
RGB	182, 181, 149
RGB Percent	71%, 71%, 58%
CMY	0.2863, 0.2902, 0.4157
CMYK	0.00, 0.01, 0.18, 0.29
HSL	58°, 18%, 65%
HSV	58°, 18%, 71%
XYZ	41.2416, 45.1644, 34.9790
YIQ	177.6510, 10.8680, -9.7400

Conversions

Conversions Part 2

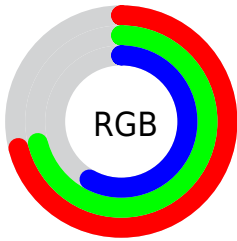
Format	Color
R_{YB}	150, 182, 149
Decimal	11974037
CIE _{Lab}	73.00, -5.09, 16.47
CIE _{LCh}	73, 17.240, 107.168
Yxy	45.1644, 0.3398, 0.3721
Android (android.graphics.Color)	4290164117 (0xFFB6B595)
YUV	177.6510, -14.1249, 3.8141
Hunter-Lab	67.2044, -8.0670, 16.1835

Details

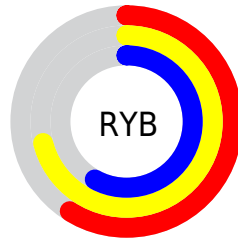
The CIELCh color **73, 17.240, 107.168** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **63, 17.921, 290.982**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 17.432, 107.556**, and **53, 17.187, 106.567** is the 20% darker color. If you saturate the color by 10%, you get **72, 26.644, 106.186**, and if you desaturate by 10%, it is **74, 7.743, 108.153**.

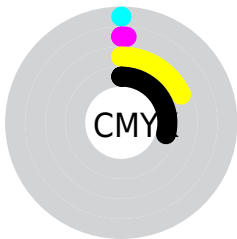
Distribution



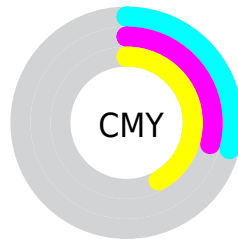
- Red (71%)
- Green (71%)
- Blue (58%)



- Red (59%)
- Yellow (71%)
- Blue (58%)



- Cyan (0%)
- Magenta (1%)
- Yellow (18%)
- Black (29%)





- Cyan (29%)
- Magenta (29%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 17.240, 107.168 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, 17.240, 107.168 by changing the saturation by 10% instead.


 73, 17.240,
107.168


 73, 17.240,
107.168


 100, 17.240,
107.168


 63, 17.240,
107.168


 93, 17.240,
107.168

 53, 17.240,
107.168

 43, 17.240,
107.168

 33, 17.240,
107.168

 23, 17.240,
107.168

 13, 17.240,
107.168

 3, 17.240, 107.168

■ 0, 17.240, 107.168

■ 73, 17.240,
107.168

■ 73, 17.240,
107.168

■ 72, 26.644,
106.186

■ 74, 7.743, 108.153

■ 72, 35.858,
105.209

■ 74, 1.792, 289.171

■ 72, 44.737,
104.263

■ 75, 11.326,
290.081

■ 71, 53.056,
103.374

■ 76, 20.834,
290.988

■ 71, 60.482,
102.573

■ 76, 30.298,
291.860

■ 71, 66.572,
101.893

■ 77, 37.997,
292.495

■ 77, 37.686,

■ 71, 70.857,
101.364

292.194

■ 70, 73.204,
100.986

■ 77, 37.375,
291.889

■ 70, 73.573,
100.921

■ 77, 37.065,
291.579

Harmonies

Complementary

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



73, 17.240, 107.168



63, 17.921, 290.982

Rectangle

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



73, 17.240, 107.168



73, 17.240, 157.168



73, 17.240, 287.168



73, 17.240, 337.168

Sweetspot

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



73, 17.242, 107.173



93, 5.902, 108.445



65, 13.141, 18.009



50, 4.060, 108.379



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, 17.242, 107.173



92, 25.906, 106.754



72, 18.837, 127.065



39, 5.434, 108.036



61, 65.534, 100.945



9, 14.520, 107.231

Inverse Universe

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



63, 17.921, 290.982



77, 27.192, 291.548



64, 19.339, 308.758



36, 5.546, 289.929



18, 91.012, 305.840



1, 15.039, 289.411

Previews

White Background



This preview shows how the CIELCh color 73, 17.240, 107.168 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, 17.240, 107.168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

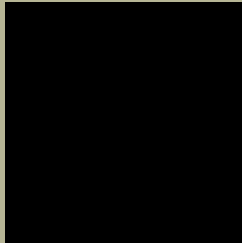
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

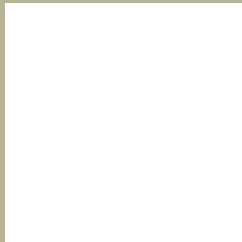
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 17.240, 107.168

Background



This preview shows how black text looks on a background with the CIELCh color 73, 17.240, 107.168.



This preview shows how white text looks on a background with the CIELCh color 73, 17.240, 107.168.

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, 17.240, 107.168

Protanopia

73, 17.199, 95.054

Deuteranopia

73, 17.962, 59.150



Tritanopia
73, 8.846, 320.808

Trichromacy



Original Color
73, 17.240, 107.168

Protanomaly
73, 17.410, 100.566

Deuteranomaly
73, 16.221, 75.767

Tritanomaly
73, 3.429, 47.733

Monochromacy



Original Color
73, 17.240, 107.168

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 6.491, 109.535

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 17.240, 107.168 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, 181, 149)` looks like.

```
.text, #text, p{  
    color:rgb(182, 181, 149)  
}
```

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, 181, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 181, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 17.240, 107.168 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, 181, 149) }
```

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

```
.border{ border-color:rgb(182, 181, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 181, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 181, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 181, 149);  
box-shadow:4px 4px 4px 4px rgb(182, 181,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 17.240, 107.168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 181, 149) }
```

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

```
.background{ background-color: rgb(182,  
181, 149) }
```

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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