

Converting Colors

CIELCh(73, 48.454, 108.008)

Have a look what the booklet for
CIELCh(73, 48.454, 108.008)
contains.

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Color

CIELCh(73, 48.481, 107.989)

Conversions

Conversions Part 1

Format	Color
Hex	B4B95C
RGB	180, 185, 92
RGB Percent	71%, 73%, 36%
CMY	0.2942, 0.2746, 0.6393
CMYK	0.03, 0.00, 0.50, 0.27
HSL	63°, 40%, 54%
HSV	63°, 50%, 73%
XYZ	38.0947, 45.1644, 16.8314
YIQ	172.9030, 26.8730, -29.9830

Conversions

Conversions Part 2

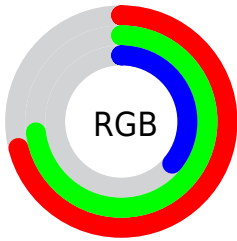
Format	Color
R_{YB}	92, 185, 97
Decimal	11843932
CIE _{Lab}	73.00, -14.97, 46.11
CIE _{LCh}	73, 48.481, 107.989
Yxy	45.1644, 0.3806, 0.4512
Android (android.graphics.Color)	4290034012 (0xFFB4B95C)
YUV	172.9030, -39.8852, 6.2241
Hunter-Lab	67.2044, -16.4255, 32.1939

Details

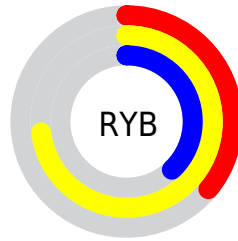
The CIELCh color **73, 48.481, 107.989** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **44, 55.589, 298.799**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 48.271, 108.224**, and **53, 48.484, 108.008** is the 20% darker color. If you saturate the color by 10%, you get **73, 56.899, 107.274**, and if you desaturate by 10%, it is **73, 39.392, 108.795**.

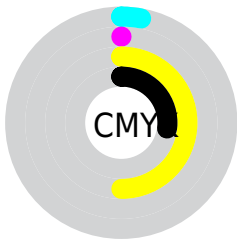
Distribution



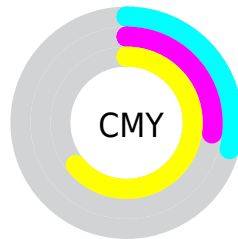
- Red (71%)
- Green (73%)
- Blue (36%)



- Red (36%)
- Yellow (73%)
- Blue (38%)



- Cyan (3%)
- Magenta (0%)
- Yellow (50%)
- Black (27%)




- Cyan (29%)
- Magenta (27%)
- Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 48.481, 107.989 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, 48.481, 107.989 by changing the saturation by 10% instead.


 73, 48.481,
107.989


 73, 48.481,
107.989


 100, 48.481,
107.989

 63, 48.481,
107.989


 93, 48.481,
107.989

 53, 48.481,
107.989

 43, 48.481,
107.989

 33, 48.481,
107.989

 23, 48.481,
107.989

 13, 48.481,
107.989

 3, 48.481, 107.989

0, 48.481, 107.989

73, 48.481,
107.989

73, 48.481,
107.989

73, 56.899,
107.274

73, 39.392,
108.795

73, 64.279,
106.690

74, 29.883,
109.648

72, 70.169,
106.290

74, 20.125,
110.523

72, 74.141,
106.126

75, 10.228,
111.401

72, 76.316,
106.172

75, 0.264, 112.117

76, 9.718, 293.123

76, 19.686,

293.937

■ 77, 29.617,
294.716

■ 78, 37.644,
295.411

Harmonies

Complementary

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



73, 48.481, 107.989



44, 55.589, 298.799

Rectangle

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



73, 48.481, 107.989



73, 48.481, 157.989



73, 48.481, 287.989



73, 48.481, 337.989

Sweetspot

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



73, 48.482, 107.992



94, 18.411, 110.966



51, 39.784, 28.295



50, 12.545, 110.782



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, 48.482, 107.992



92, 69.782, 107.228



70, 53.110, 128.504



39, 5.606, 111.483



62, 67.139, 106.128



9, 15.205, 112.345

Inverse Universe

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



44, 55.589, 298.799



49, 83.413, 300.787



48, 56.624, 313.141



35, 5.729, 293.164



18, 92.209, 306.483



1, 15.397, 291.856

Previews

White Background



This preview shows how the CIELCh color 73, 48.481, 107.989 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, 48.481, 107.989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

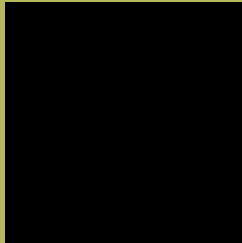
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 48.481, 107.989

Background



This preview shows how black text looks on a background with the CIELCh color 73, 48.481, 107.989.



This preview shows how white text looks on a background with the CIELCh color 73, 48.481, 107.989.

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, 48.481, 107.989

Protanopia
73, 47.524, 95.481

Deuteranopia
73, 45.784, 78.660



Tritanopia
73, 9.686, 328.504

Trichromacy



Original Color
73, 48.481, 107.989

Protanomaly
73, 47.347, 100.264

Deuteranomaly
73, 44.921, 89.491

Tritanomaly
73, 13.876, 95.636

Monochromacy



Original Color
73, 48.481, 107.989

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 17.853, 109.680

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 48.481, 107.989 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(180, 185, 92)` looks like.

```
.text, #text, p{  
    color:rgb(180, 185, 92)  
}
```

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(180, 185, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 185, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 48.481, 107.989 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(180, 185, 92) }
```

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

```
.border{ border-color:rgb(180, 185, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 185, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 185, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 185, 92);  
box-shadow:4px 4px 4px 4px rgb(180, 185,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 48.481, 107.989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 185, 92) }
```

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

```
.background{ background-color: rgb(180,  
185, 92) }
```

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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