

Converting Colors

CIELCh(74, 51.894, 107.756)

Have a look what the booklet for
CIELCh(74, 51.894, 107.756)
contains.

CIELCh(74, 51.683, 107.586)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 51.683, 107.586)

Conversions

Conversions Part 1

Format	Color
Hex	B7BC58
RGB	183, 188, 88
RGB Percent	72%, 74%, 35%
CMY	0.2826, 0.2630, 0.6551
CMYK	0.03, 0.00, 0.53, 0.26
HSL	63°, 43%, 54%
HSV	63°, 53%, 74%
XYZ	39.2430, 46.7039, 16.1666
YIQ	175.1050, 29.1200, -32.1600

Conversions

Conversions Part 2

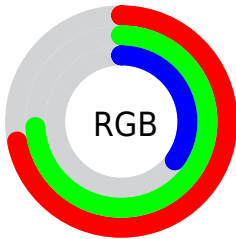
Format	Color
R_{YB}	88, 188, 93
Decimal	12041304
CIE Lab	74.00, -15.62, 49.27
CIE LCh	74, 51.683, 107.586
Yxy	46.7039, 0.3843, 0.4574
Android (android.graphics.Color)	4290231384 (0xFFB7BC58)
YUV	175.1050, -42.9428, 6.9239
Hunter-Lab	68.3403, -17.0955, 33.8126

Details

The CIELCh color $74, 51.683, 107.586$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $43, 59.934, 299.247$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 51.501, 107.443$, and $54, 51.674, 107.487$ is the 20% darker color. If you saturate the color by 10%, you get $74, 59.937, 106.898$, and if you desaturate by 10%, it is $74, 42.649, 108.377$.

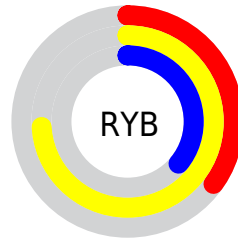
Distribution



Red (72%)

Green (74%)

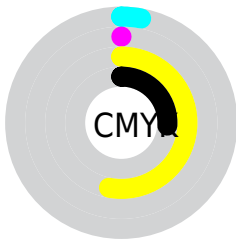
Blue (35%)



Red (35%)

Yellow (74%)

Blue (36%)

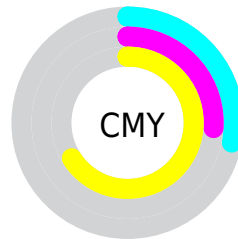


Cyan (3%)

Magenta (0%)

Yellow (53%)

Black (26%)



Cyan (28%)


Magenta (26%)


Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 51.683, 107.586 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 74, 51.683, 107.586 by changing the saturation by 10% instead.

 74, 51.683,
107.586

 74, 51.683,
107.586


 100, 51.683,
107.586


 64, 51.683,
107.586


 94, 51.683,
107.586

 54, 51.683,
107.586

 44, 51.683,
107.586

 34, 51.683,
107.586

 24, 51.683,
107.586

 14, 51.683,
107.586

 4, 51.683, 107.586

0, 51.683, 107.586

74, 51.683,
107.586

74, 51.683,
107.586

74, 59.937,
106.898

74, 42.649,
108.377

74, 67.007,
106.354

75, 33.123,
109.225

73, 72.422,
106.010

75, 23.300,
110.103

73, 75.801,
105.909

76, 13.309,
110.988

73, 77.200,
105.945

76, 3.231, 111.857

77, 6.878, 292.737

77, 16.982,

293.565

■ 78, 27.054,
294.362

■ 79, 35.962,
295.091

Harmonies

Complementary

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



74, 51.683, 107.586



43, 59.934, 299.247

Rectangle

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



74, 51.683, 107.586



74, 51.683, 157.586



74, 51.683, 287.586



74, 51.683, 337.586

Sweetspot

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



74, 51.684, 107.588



95, 19.968, 110.718



51, 43.054, 28.820



51, 13.466, 110.536



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



74, 51.684, 107.588



93, 74.806, 106.785



71, 56.700, 128.387



40, 5.734, 111.327



62, 67.927, 105.906



11, 16.951, 110.799

Inverse Universe

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



43, 59.934, 299.247



47, 91.006, 301.513



48, 60.696, 313.273



36, 5.860, 293.026



18, 93.343, 306.466



1, 17.451, 292.035

Previews

White Background



This preview shows how the CIELCh color 74, 51.683, 107.586 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 74, 51.683, 107.586 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 74, 51.683, 107.586

Background



This preview shows how black text looks on a background with the CIELCh color 74, 51.683, 107.586.

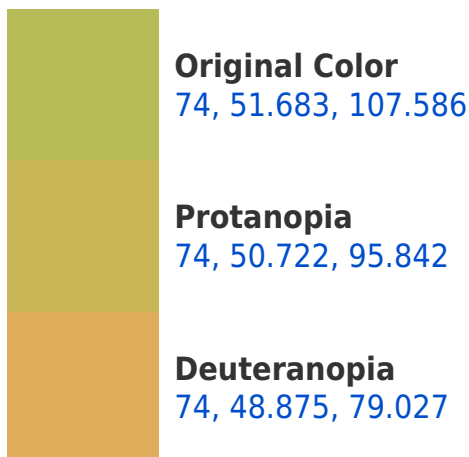



This preview shows how white text looks on a background with the CIELCh color 74, 51.683, 107.586.

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





Tritanopia
74, 9.889, 330.220

Trichromacy



Original Color
74, 51.683, 107.586

Protanomaly
74, 50.569, 100.331

Deuteranomaly
74, 47.837, 89.670

Tritanomaly
74, 14.974, 94.971

Monochromacy



Original Color
74, 51.683, 107.586

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 19.953, 110.512

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 51.683, 107.586 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(183, 188, 88)` looks like.

```
.text, #text, p{  
    color:rgb(183, 188, 88)  
}
```

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(183, 188, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 188, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 51.683, 107.586 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(183, 188, 88) }
```

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

```
.border{ border-color:rgb(183, 188, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 188, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 188, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 188, 88);  
box-shadow:4px 4px 4px 4px rgb(183, 188,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 51.683, 107.586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 188, 88) }
```

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

```
.background{ background-color: rgb(183,  
188, 88) }
```

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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