

Converting Colors

CIELCh(74, 45.034, 107.987)

Have a look what the booklet for
CIELCh(74, 45.034, 107.987)
contains.

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Color

CIELCh(74, 45.034, 107.987)

Conversions

Conversions Part 1

Format	Color
Hex	B7BB65
RGB	183, 187, 101
RGB Percent	72%, 73%, 40%
CMY	0.2812, 0.2656, 0.6029
CMYK	0.02, 0.00, 0.46, 0.27
HSL	63°, 39%, 57%
HSV	63°, 46%, 73%
XYZ	39.7858, 46.7039, 19.2959
YIQ	176.0000, 25.2220, -27.5940

Conversions

Conversions Part 2

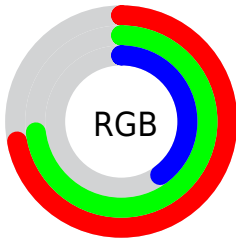
Format	Color
RYB	101, 187, 105
Decimal	12041061
CIELab	74.00, -13.91, 42.83
CIELCh	74, 45.034, 107.987
Yxy	46.7039, 0.3761, 0.4415
Android (android.graphics.Color)	4290231141 (0xFFB7BB65)
YUV	176.0000, -36.9750, 6.1390
Hunter-Lab	68.3403, -15.6777, 31.0976

Details

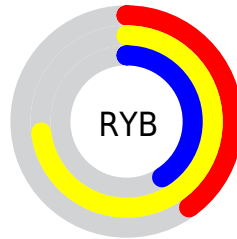
The CIELCh color $74, 45.034, 107.987$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $47, 50.866, 297.848$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 44.827, 108.145$, and $54, 44.972, 108.165$ is the 20% darker color. If you saturate the color by 10%, you get $74, 53.864, 107.218$, and if you desaturate by 10%, it is $74, 35.648, 108.830$.

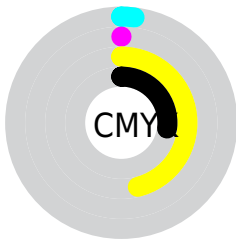
Distribution



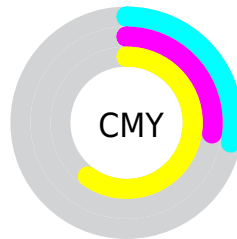
- Red (72%)
- Green (73%)
- Blue (40%)



- Red (40%)
- Yellow (73%)
- Blue (41%)



- Cyan (2%)
- Magenta (0%)
- Yellow (46%)
- Black (27%)





- Cyan (28%)
- Magenta (27%)
- Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 45.034, 107.987 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, 45.034, 107.987 by changing the saturation by 10% instead.

 74, 45.034,
107.987


 74, 45.034,
107.987


 100, 45.034,
107.987


 64, 45.034,
107.987


 94, 45.034,
107.987

 54, 45.034,
107.987

 44, 45.034,
107.987

 34, 45.034,
107.987

 24, 45.034,
107.987

 14, 45.034,
107.987

 4, 45.034, 107.987

■ 0, 45.034, 107.987

■ 74, 45.034,
107.987

■ 74, 45.034,
107.987

■ 74, 53.864,
107.218

■ 74, 35.648,
108.830

■ 73, 61.816,
106.556

■ 75, 25.920,
109.707

■ 73, 68.463,
106.052

■ 75, 15.995,
110.598

■ 73, 73.339,
105.760

■ 76, 5.964, 111.481

■ 73, 76.148,
105.709

■ 76, 4.111, 292.371

■ 73, 76.977,
105.724

■ 77, 14.189,
293.208

■ 78, 24.241,

294.020

■ 78, 34.248,
294.795

■ 78, 36.342,
295.295

Harmonies

Complementary

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



74, 45.034, 107.987



47, 50.866, 297.848

Rectangle

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



74, 45.034, 107.987



74, 45.034, 157.987



74, 45.034, 287.987



74, 45.034, 337.987

Sweetspot

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



74, 45.035, 107.990



95, 17.332, 110.750



53, 36.685, 26.459



51, 12.056, 110.556



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, 45.035, 107.990



93, 65.291, 107.221



71, 49.030, 128.115



40, 5.733, 111.181



63, 67.911, 105.688



11, 16.945, 110.574

Inverse Universe

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



47, 50.866, 297.848



53, 76.512, 299.662



51, 52.116, 312.419



36, 5.859, 292.890



18, 93.362, 306.453



1, 17.450, 291.935

Previews

White Background



This preview shows how the CIELCh color 74, 45.034, 107.987 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, 45.034, 107.987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

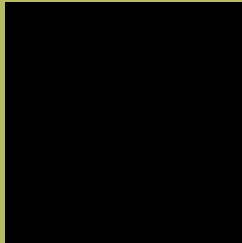
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 45.034, 107.987

Background



This preview shows how black text looks on a background with the CIELCh color 74, 45.034, 107.987.




This preview shows how white text looks on a background with the CIELCh color 74, 45.034, 107.987.

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, 9.657, 328.497

Trichromacy



Original Color
74, 45.034, 107.987

Protanomaly
74, 44.350, 100.317

Deuteranomaly
74, 41.460, 88.667

Tritanomaly
74, 12.784, 94.724

Monochromacy



Original Color
74, 45.034, 107.987

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 16.728, 109.890

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 45.034, 107.987 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, 187, 101)` looks like.

```
.text, #text, p{  
    color:rgb(183, 187, 101)  
}
```

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, 187, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 187, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 45.034, 107.987 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, 187, 101) }
```

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

```
.border{ border-color:rgb(183, 187, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 187, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 187, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 187, 101);  
box-shadow:4px 4px 4px 4px rgb(183, 187,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 45.034, 107.987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 187, 101) }
```

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

```
.background{ background-color: rgb(183,  
187, 101) }
```

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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