

Converting Colors

CIELCh(74, 43.545, 108.067)

Have a look what the booklet for
CIELCh(74, 43.545, 108.067)
contains.

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Color

CIELCh(74, 43.563, 108.195)

Conversions

Conversions Part 1

Format	Color
Hex	B7BB68
RGB	183, 187, 104
RGB Percent	72%, 73%, 41%
CMY	0.2817, 0.2660, 0.5915
CMYK	0.02, 0.00, 0.44, 0.27
HSL	63°, 38%, 57%
HSV	63°, 44%, 73%
XYZ	39.8829, 46.7039, 20.0519
YIQ	176.3420, 24.2590, -26.6610

Conversions

Conversions Part 2

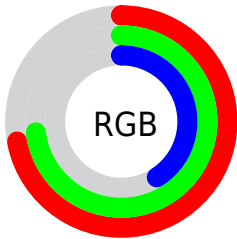
Format	Color
RYB	104, 187, 108
Decimal	12041064
CIELab	74.00, -13.60, 41.38
CIELCh	74, 43.563, 108.195
Yxy	46.7039, 0.3740, 0.4380
Android (android.graphics.Color)	4290231144 (0xFFB7BB68)
YUV	176.3420, -35.6646, 5.8391
Hunter-Lab	68.3403, -15.4242, 30.4418

Details

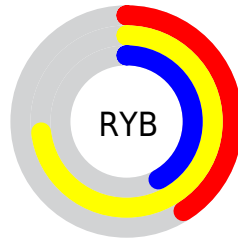
The CIELCh color $74, 43.563, 108.195$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $48, 48.935, 297.624$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 43.370, 108.308$, and $54, 43.588, 108.434$ is the 20% darker color. If you saturate the color by 10%, you get $74, 52.497, 107.416$, and if you desaturate by 10%, it is $74, 34.115, 109.043$.

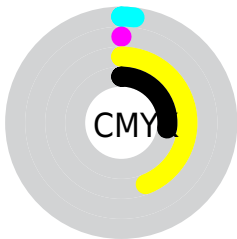
Distribution



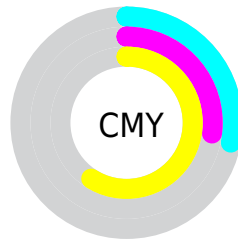
- Red (72%)
- Green (73%)
- Blue (41%)



- Red (41%)
- Yellow (73%)
- Blue (42%)



- Cyan (2%)
- Magenta (0%)
- Yellow (44%)
- Black (27%)





- Cyan (28%)
- Magenta (27%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 43.563, 108.195 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, 43.563, 108.195 by changing the saturation by 10% instead.


 74, 43.563,
108.195


 74, 43.563,
108.195


 100, 43.563,
108.195


 64, 43.563,
108.195


 94, 43.563,
108.195

 54, 43.563,
108.195

 44, 43.563,
108.195

 34, 43.563,
108.195

 24, 43.563,
108.195

 14, 43.563,
108.195

 4, 43.563, 108.195

■ 0, 43.563, 108.195

■ 74, 43.563,
108.195

■ 74, 43.563,
108.195

■ 74, 52.497,
107.416

■ 74, 34.115,
109.043

■ 73, 60.610,
106.736

■ 75, 24.351,
109.921

■ 73, 67.494,
106.208

■ 75, 14.408,
110.810

■ 73, 72.677,
105.884

■ 76, 4.371, 111.686

■ 73, 75.805,
105.803

■ 76, 5.702, 292.569

■ 73, 76.954,
105.829

■ 77, 15.774,
293.402

■ 78, 25.816,

294.205

■ 78, 35.810,
294.972

■ 78, 36.406,
295.438

Harmonies

Complementary

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



74, 43.563, 108.195



48, 48.935, 297.624

Rectangle

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



74, 43.563, 108.195



74, 43.563, 158.195



74, 43.563, 288.195



74, 43.563, 338.195

Sweetspot

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



74, 43.564, 108.198



95, 16.099, 110.911



54, 35.219, 26.208



51, 11.350, 110.714



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, 43.564, 108.198



93, 63.189, 107.452



71, 47.397, 128.185



40, 5.733, 111.251



63, 67.918, 105.792



11, 16.947, 110.681

Inverse Universe

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



48, 48.935, 297.624



54, 73.460, 299.319



52, 50.263, 312.341



36, 5.859, 292.955



18, 93.353, 306.459



1, 17.450, 291.983

Previews

White Background



This preview shows how the CIELCh color 74, 43.563, 108.195 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 CIE LCh color 74, 43.563, 108.195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

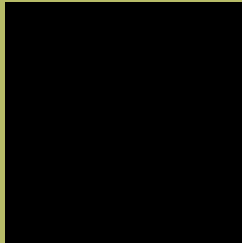
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 43.563, 108.195

Background



This preview shows how black text looks on a background with the CIELCh color 74, 43.563, 108.195.



This preview shows how white text looks on a background with the CIELCh color 74, 43.563, 108.195.

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


74, 43.563, 108.195

Protanopia

74, 42.985, 95.647

Deuteranopia

74, 41.540, 76.519



Tritanopia
74, 9.657, 328.497

Trichromacy



Original Color
74, 43.563, 108.195

Protanomaly
74, 42.874, 100.289

Deuteranomaly
74, 40.482, 88.372

Tritanomaly
74, 12.261, 94.184

Monochromacy



Original Color
74, 43.563, 108.195

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 16.194, 111.387

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 43.563, 108.195 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, 104)` looks like.

```
.text, #text, p{  
    color:rgb(183, 187, 104)  
}
```

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, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 187, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 43.563, 108.195 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, 104) }
```

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

```
.border{ border-color:rgb(183, 187, 104) }
```

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, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 187, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 187, 104);  
box-shadow:4px 4px 4px 4px rgb(183, 187,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 43.563, 108.195 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, 104) }
```

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

```
.background{ background-color: rgb(183,  
187, 104) }
```

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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