

Converting Colors

CIELCh(74, 12.441, 94.964)

Have a look what the booklet for
CIELCh(74, 12.441, 94.964) contains.

CIELCh(74, 12.680, 96.464)	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, 12.680, 96.464)

Conversions

Conversions Part 1

Format	Color
Hex	BDB69F
RGB	189, 182, 159
RGB Percent	74%, 71%, 62%
CMY	0.2593, 0.2868, 0.3770
CMYK	0.00, 0.04, 0.16, 0.26
HSL	46°, 18%, 68%
HSV	46°, 16%, 74%
XYZ	43.9025, 46.7039, 39.4441
YIQ	181.4710, 11.5550, -5.6690

Conversions

Conversions Part 2

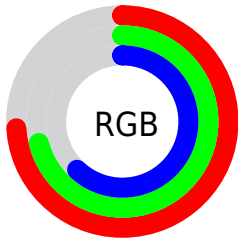
Format	Color
R_{YB}	168, 189, 159
Decimal	12433055
CIE _{Lab}	74.00, -1.43, 12.60
CIE _{LCh}	74, 12.680, 96.464
Yxy	46.7039, 0.3376, 0.3591
Android (android.graphics.Color)	4290623135 (0xFFBDB69F)
YUV	181.4710, -11.0782, 6.6029
Hunter-Lab	68.3403, -4.9254, 13.6177

Details

The CIELCh color $74, 12.680, 96.464$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $68, 12.848, 280.378$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 12.555, 97.312$, and $54, 12.393, 94.837$ is the 20% darker color. If you saturate the color by 10%, you get $72, 20.762, 95.264$, and if you desaturate by 10%, it is $76, 4.666, 97.627$.

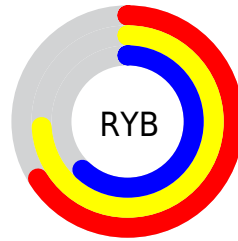
Distribution



Red (74%)

Green (71%)

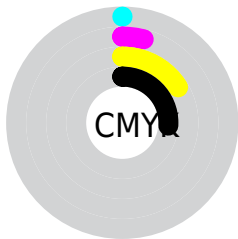
Blue (62%)



Red (66%)

Yellow (74%)

Blue (62%)

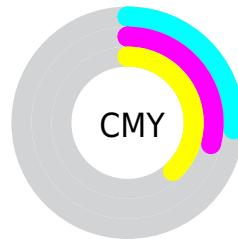


Cyan (0%)

Magenta (4%)

Yellow (16%)

Black (26%)



Cyan (26%)

Magenta (29%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 12.680, 96.464 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, 12.680, 96.464 by changing the saturation by 10% instead.

■ 74, 12.680, 96.464

■ 74, 12.680, 96.464

■ 100, 12.680,
96.464

■ 64, 12.680, 96.464

■ 94, 12.680, 96.464

■ 54, 12.680, 96.464

■ 44, 12.680, 96.464

■ 34, 12.680, 96.464

■ 24, 12.680, 96.464

■ 14, 12.680, 96.464

■ 4, 12.680, 96.464

■ 0, 12.680, 96.464

■ 74, 12.680, 96.464

■ 74, 12.680, 96.464

72, 20.762, 95.264

76, 4.666, 97.627

71, 28.863, 94.022

77, 3.263, 278.850

69, 36.903, 92.752

79, 11.096,
279.904

68, 44.731, 91.457

81, 18.830,
280.940

67, 52.088, 90.131

65, 58.555, 88.753

82, 26.467,
281.931

64, 63.530, 87.275

84, 25.233,
277.992

63, 66.405, 85.613

63, 67.269, 84.904

85, 23.296,
272.876

86, 21.573,
266.934

87, 20.115,
260.097

Harmonies

Complementary

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



74, 12.680, 96.464



68, 12.848, 280.378

Rectangle

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



74, 12.680, 96.464



74, 12.680, 146.464



74, 12.680, 276.464



74, 12.680, 326.464

Sweetspot

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



74, 12.681, 96.473



95, 4.893, 97.714



68, 12.213, 2.276



51, 3.339, 97.638



98, 0.011, 296.813



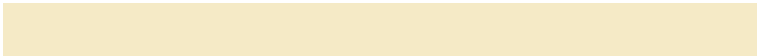
51, 0.007, 296.813

Same Dimension

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



74, 12.681, 96.473



93, 18.762, 96.063



75, 16.377, 119.589



39, 4.504, 97.236



53, 59.042, 85.183



8, 12.394, 90.433

Inverse Universe

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



68, 12.848, 280.378



84, 19.060, 280.881



67, 16.900, 301.580



37, 4.545, 279.493



23, 77.933, 300.918



2, 14.587, 283.027

Previews

White Background



This preview shows how the CIELCh color 74, 12.680, 96.464 looks on a white background.

Color Contrast Check

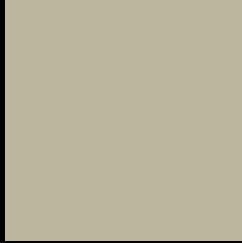
Large Text (above 18pt) WCAG AA × Fail

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, 12.680, 96.464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

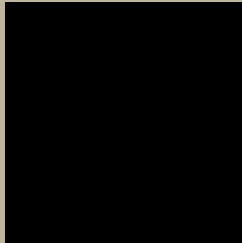
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

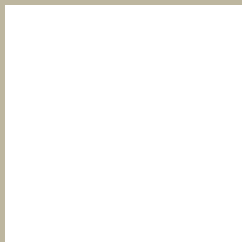
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 12.680, 96.464

Background



This preview shows how black text looks on a background with the CIELCh color 74, 12.680, 96.464.



This preview shows how white text looks on a background with the CIELCh color 74, 12.680, 96.464.

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, 12.680, 96.464

Protanopia

74, 12.368, 92.413

Deuteranopia

74, 15.153, 52.318



Tritanopia
74, 9.657, 328.497

Trichromacy



Original Color
74, 12.680, 96.464

Protanomaly
74, 12.368, 92.413

Deuteranomaly
74, 13.074, 67.512

Tritanomaly
74, 4.531, 19.672

Monochromacy



Original Color
74, 12.680, 96.464

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 4.453, 94.927

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 12.680, 96.464 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(189, 182, 159)` looks like.

```
.text, #text, p{  
    color:rgb(189, 182, 159)  
}
```

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(189, 182, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 182, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 12.680, 96.464 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(189, 182, 159) }
```

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

```
.border{ border-color:rgb(189, 182, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 182, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 182, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 182, 159);  
box-shadow:4px 4px 4px 4px rgb(189, 182,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 12.680, 96.464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 182, 159) }
```

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

```
.background{ background-color: rgb(189,  
182, 159) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor