

Converting Colors

CIELCh(74, 8.162, 92.009)

Have a look what the booklet for
CIELCh(74, 8.162, 92.009) contains.

CIELCh(74, 8.007, 89.720)	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, 8.007, 89.720)

Conversions

Conversions Part 1

Format	Color
Hex	BCB5A7
RGB	188, 181, 167
RGB Percent	74%, 71%, 65%
CMY	0.2615, 0.2890, 0.3439
CMYK	0.00, 0.04, 0.11, 0.26
HSL	40°, 14%, 70%
HSV	40°, 11%, 74%
XYZ	44.4041, 46.7039, 43.3799
YIQ	181.4970, 8.6660, -2.8700

Conversions

Conversions Part 2

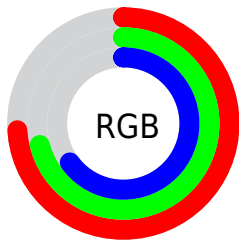
Format	Color
RYB	178, 188, 167
Decimal	12367271
CIELab	74.00, 0.04, 8.01
CIELCh	74, 8.007, 89.720
Yxy	46.7039, 0.3302, 0.3473
Android (android.graphics.Color)	4290557351 (0xFFBCB5A7)
YUV	181.4970, -7.1470, 5.7031
Hunter-Lab	68.3403, -3.6150, 10.2031

Details

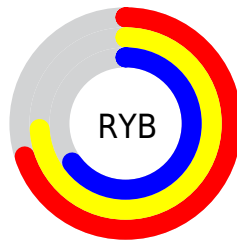
The CIELCh color $74, 8.007, 89.720$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $71, 8.000, 272.629$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 8.090, 91.168$, and $54, 8.007, 87.945$ is the 20% darker color. If you saturate the color by 10%, you get $72, 15.354, 88.468$, and if you desaturate by 10%, it is $76, 0.813, 90.715$.

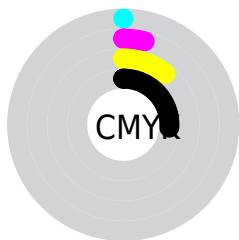
Distribution



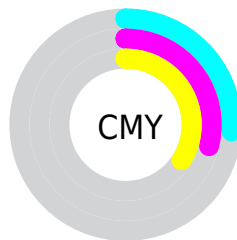
- Red (74%)
- Green (71%)
- Blue (65%)



- Red (70%)
- Yellow (74%)
- Blue (65%)



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (26%)



- Cyan (26%)
- Magenta (29%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 8.007, 89.720 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, 8.007, 89.720 by changing the saturation by 10% instead.

■ 74, 8.007, 89.720

■ 74, 8.007, 89.720

■ 100, 8.007, 89.720

■ 64, 8.007, 89.720

■ 94, 8.007, 89.720

■ 54, 8.007, 89.720

■ 44, 8.007, 89.720

■ 34, 8.007, 89.720

■ 24, 8.007, 89.720

■ 14, 8.007, 89.720

■ 4, 8.007, 89.720

■ 0, 8.007, 89.720

■ 74, 8.007, 89.720

■ 74, 8.007, 89.720

72, 15.354, 88.468

76, 0.813, 90.715

70, 22.839, 87.153

78, 6.231, 272.223

68, 30.427, 85.797

80, 13.131,
273.342

66, 38.038, 84.399

83, 19.897,
274.422

64, 45.514, 82.946

62, 52.563, 81.403

85, 23.358,
272.501

61, 58.689, 79.694

86, 21.001,
263.757

59, 63.181, 77.679

58, 65.714, 75.616

88, 19.231,
253.223

90, 18.203,
241.159

91, 18.027,
228.383

Harmonies

Complementary

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



74, 8.007, 89.720



71, 8.000, 272.629

Rectangle

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



74, 8.007, 89.720



74, 8.007, 139.720



74, 8.007, 269.720



74, 8.007, 319.720

Sweetspot

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



74, 8.008, 89.734



96, 2.635, 90.661



71, 8.866, 354.695



51, 2.000, 90.585



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, 8.008, 89.734



93, 11.576, 89.479



76, 11.348, 115.911



39, 4.067, 89.954



49, 57.756, 76.028



7, 11.053, 79.272

Inverse Universe

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



71, 8.000, 272.629



89, 11.555, 272.922



69, 11.628, 297.555



37, 4.066, 272.381



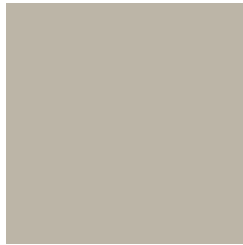
27, 67.596, 296.166



3, 13.466, 278.810

Previews

White Background



This preview shows how the CIELCh color 74, 8.007, 89.720 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, 8.007, 89.720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

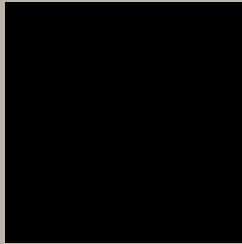
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

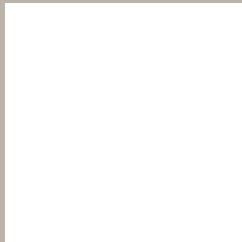
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 8.007, 89.720

Background



This preview shows how black text looks on a background with the CIELCh color 74, 8.007, 89.720.



This preview shows how white text looks on a background with the CIELCh color 74, 8.007, 89.720.

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, 8.007, 89.720

Protanopia

74, 8.145, 87.141

Deuteranopia

74, 11.777, 41.584



Tritanopia
74, 9.213, 324.811

Trichromacy



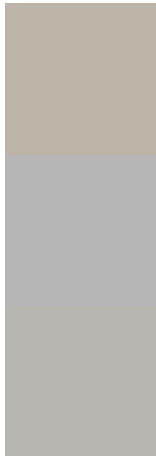
Original Color
74, 8.007, 89.720

Protanomaly
74, 8.145, 87.141

Deuteranomaly
74, 9.470, 54.476

Tritanomaly
74, 5.006, 354.179

Monochromacy



Original Color
74, 8.007, 89.720

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 2.788, 94.227

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 8.007, 89.720 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(188, 181, 167)` looks like.

```
.text, #text, p{  
    color:rgb(188, 181, 167)  
}
```

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(188, 181, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 181, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 8.007, 89.720 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(188, 181, 167) }
```

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

```
.border{ border-color:rgb(188, 181, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 181, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 181, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 181, 167);  
box-shadow:4px 4px 4px 4px rgb(188, 181,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 8.007, 89.720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 181, 167) }
```

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

```
.background{ background-color: rgb(188,  
181, 167) }
```

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