

Converting Colors

CIELCh(74, 20.878, 84.696)

Have a look what the booklet for
CIELCh(74, 20.878, 84.696) contains.

CIELCh(74, 20.757, 84.016)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(74, 20.757, 84.016)

Conversions

Conversions Part 1

Format	Color
Hex	C8B390
RGB	200, 179, 144
RGB Percent	78%, 70%, 56%
CMY	0.2145, 0.2969, 0.4342
CMYK	0.00, 0.10, 0.28, 0.21
HSL	38°, 34%, 68%
HSV	38°, 28%, 79%
XYZ	45.1377, 46.7039, 33.1370
YIQ	181.2890, 23.7510, -6.4330

Conversions

Conversions Part 2

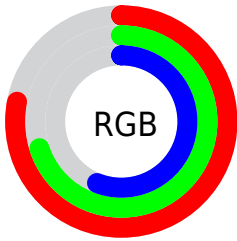
Format	Color
R _Y B	178, 200, 144
Decimal	13153168
CIE Lab	74.00, 2.16, 20.64
CIE LCh	74, 20.757, 84.016
Yxy	46.7039, 0.3612, 0.3737
Android (android.graphics.Color)	4291343248 (0xFFC8B390)
YUV	181.2890, -18.3835, 16.4095
Hunter-Lab	68.3403, -1.6990, 19.0895

Details

The CIELCh color $74, 20.757, 84.016$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $67, 20.317, 271.964$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 20.462, 86.797$, and $54, 20.786, 83.905$ is the 20% darker color. If you saturate the color by 10%, you get $72, 28.533, 82.658$, and if you desaturate by 10%, it is $76, 13.158, 85.345$.

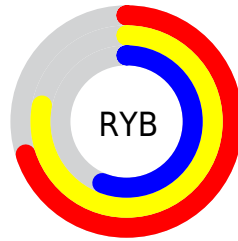
Distribution



Red (78%)

Green (70%)

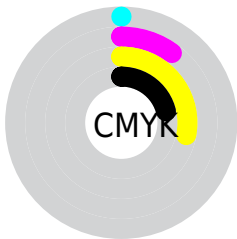
Blue (56%)



Red (70%)

Yellow (78%)

Blue (56%)

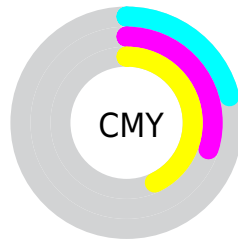


Cyan (0%)

Magenta (10%)

Yellow (28%)

Black (21%)



Cyan (21%)

Magenta (30%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 20.757, 84.016 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, 20.757, 84.016 by changing the saturation by 10% instead.

■ 74, 20.757, 84.016

■ 74, 20.757, 84.016

■ 100, 20.757,
84.016

■ 64, 20.757, 84.016

■ 94, 20.757, 84.016

■ 54, 20.757, 84.016

■ 44, 20.757, 84.016

■ 34, 20.757, 84.016

■ 24, 20.757, 84.016

■ 14, 20.757, 84.016

■ 4, 20.757, 84.016

■ 0, 20.757, 84.016

■ 74, 20.757, 84.016

■ 74, 20.757, 84.016

72, 28.533, 82.658

76, 13.158, 85.345

69, 36.429, 81.253

79, 5.752, 86.608

67, 44.329, 79.795

81, 1.460, 268.087

65, 51.994, 78.251

84, 8.489, 269.130

63, 58.989, 76.548

86, 15.347,
270.263

61, 64.611, 74.537

88, 17.594,
264.859

59, 68.191, 72.039

59, 68.854, 71.530

90, 15.605,
249.513

92, 14.949,
231.550

94, 15.761,
213.925

Harmonies

Complementary

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



74, 20.757, 84.016



67, 20.317, 271.964

Rectangle

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



74, 20.757, 84.016



74, 20.757, 134.016



74, 20.757, 264.016



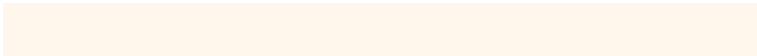
74, 20.757, 314.016

Sweetspot

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



74, 20.758, 84.023



98, 7.029, 86.591



66, 24.579, 353.323



52, 5.007, 86.404



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 20.758, 84.023



90, 30.954, 83.138



79, 29.597, 112.551



41, 4.080, 86.436



49, 59.115, 72.048



9, 13.530, 73.576

Inverse Universe

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



67, 20.317, 271.964



80, 30.144, 273.267



62, 31.592, 297.449



39, 4.061, 268.929



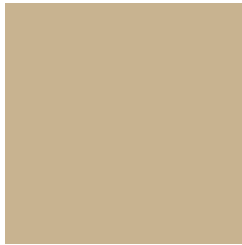
29, 64.741, 293.725



4, 16.024, 278.880

Previews

White Background



This preview shows how the CIELCh color 74, 20.757, 84.016 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, 20.757, 84.016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

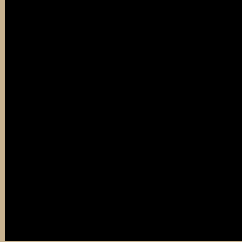
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 20.757, 84.016

Background



This preview shows how black text looks on a background with the CIELCh color 74, 20.757, 84.016.



This preview shows how white text looks on a background with the CIELCh color 74, 20.757, 84.016.

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, 20.757, 84.016

Protanopia

74, 20.377, 95.652

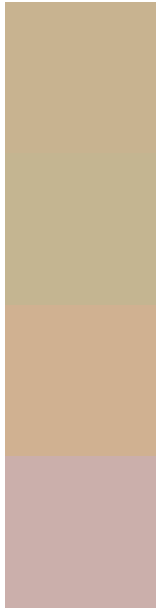
Deuteranopia

74, 22.371, 65.948



Tritanopia
74, 14.208, 348.556

Trichromacy



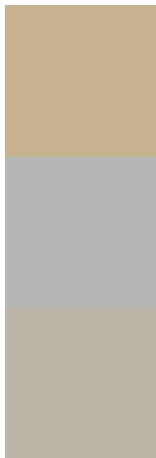
Original Color
74, 20.757, 84.016

Protanomaly
74, 20.312, 90.893

Deuteranomaly
74, 21.542, 72.481

Tritanomaly
74, 11.078, 31.431

Monochromacy



Original Color
74, 20.757, 84.016

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 7.646, 85.700

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 20.757, 84.016 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(200, 179, 144)` looks like.

```
.text, #text, p{  
    color:rgb(200, 179, 144)  
}
```

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(200, 179, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 179, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 20.757, 84.016 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(200, 179, 144) }
```

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

```
.border{ border-color:rgb(200, 179, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 179, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 179, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 179, 144);  
box-shadow:4px 4px 4px 4px rgb(200, 179,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 20.757, 84.016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 179, 144) }
```

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

```
.background{ background-color: rgb(200,  
179, 144) }
```

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