

Converting Colors

CIELCh(74, 27.742, 107.475)

Have a look what the booklet for
CIELCh(74, 27.742, 107.475)
contains.

CIELCh(74, 27.758, 107.486)	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, 27.758, 107.486)

Conversions

Conversions Part 1

Format	Color
Hex	B9B985
RGB	185, 185, 133
RGB Percent	73%, 73%, 52%
CMY	0.2745, 0.2745, 0.4784
CMYK	0.00, 0.00, 0.28, 0.27
HSL	60°, 27%, 62%
HSV	60°, 28%, 73%
XYZ	41.5886, 46.7039, 29.0119
YIQ	179.0720, 16.6920, -16.1720

Conversions

Conversions Part 2

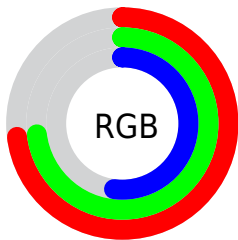
Format	Color
RYB	133, 185, 133
Decimal	12171653
CIELab	74.00, -8.34, 26.48
CIELCh	74, 27.758, 107.486
Yxy	46.7039, 0.3545, 0.3981
Android (android.graphics.Color)	4290361733 (0xFFB9B985)
YUV	179.0720, -22.7135, 5.1989
Hunter-Lab	68.3403, -10.9690, 22.6683

Details

The CIELCh color $74, 27.758, 107.486$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $57, 29.679, 293.547$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 28.017, 107.172$, and $54, 27.659, 107.650$ is the 20% darker color. If you saturate the color by 10%, you get $74, 37.327, 106.550$, and if you desaturate by 10%, it is $74, 17.972, 108.448$.

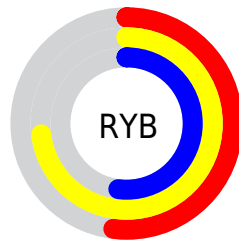
Distribution



Red (73%)

Green (73%)

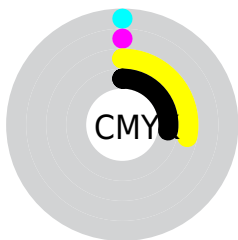
Blue (52%)



Red (52%)

Yellow (73%)

Blue (52%)

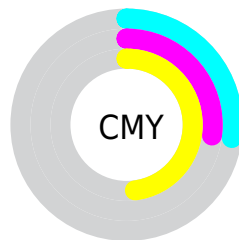


Cyan (0%)

Magenta (0%)

Yellow (28%)

Black (27%)



Cyan (27%)

Magenta (27%)

Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 27.758, 107.486 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, 27.758, 107.486 by changing the saturation by 10% instead.

 74, 27.758,
107.486

 74, 27.758,
107.486

 100, 27.758,
107.486

 64, 27.758,
107.486

 94, 27.758,
107.486

 54, 27.758,
107.486

 44, 27.758,
107.486

 34, 27.758,
107.486

 24, 27.758,
107.486

 14, 27.758,
107.486

 4, 27.758, 107.486

■ 0, 27.758, 107.486

■ 74, 27.758,
107.486

■ 74, 27.758,
107.486

■ 74, 37.327,
106.550

■ 74, 17.972,
108.448

■ 73, 46.519,
105.650

■ 75, 8.066, 109.404

■ 73, 55.099,
104.820

■ 75, 1.894, 290.391

■ 73, 62.724,
104.095

■ 76, 11.865,
291.289

■ 73, 68.953,
103.513

■ 76, 21.818,
292.181

■ 73, 73.335,
103.112

■ 77, 31.732,
293.038

■ 77, 37.603,

■ 73, 75.765,
102.892

293.529

■ 73, 76.149,
102.857

■ 77, 37.603,
293.530

■ 77, 37.603,
293.531

Harmonies

Complementary

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



74, 27.758, 107.486



57, 29.679, 293.547

Rectangle

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



74, 27.758, 107.486



74, 27.758, 157.486



74, 27.758, 287.486



74, 27.758, 337.486

Sweetspot

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



74, 27.759, 107.490



94, 9.821, 109.402



61, 21.490, 21.654



50, 6.974, 109.260



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



74, 27.759, 107.490



93, 41.241, 106.880



72, 29.786, 127.778



39, 5.600, 109.288



62, 66.992, 102.857



10, 15.132, 108.843

Inverse Universe

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



57, 29.679, 293.547



68, 44.918, 294.557



60, 30.961, 310.413



35, 5.722, 291.137



17, 92.504, 306.288



1, 15.385, 290.299

Previews

White Background



This preview shows how the CIELCh color 74, 27.758, 107.486 looks on a white background.

Color Contrast Check

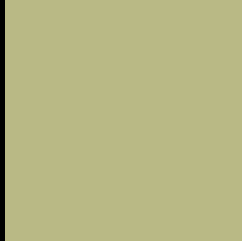
Large Text (above 18pt) WCAG AA × Fail

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, 27.758, 107.486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

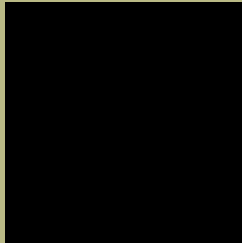
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 27.758, 107.486

Background



This preview shows how black text looks on a background with the CIELCh color 74, 27.758, 107.486.



This preview shows how white text looks on a background with the CIELCh color 74, 27.758, 107.486.

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, 27.758, 107.486

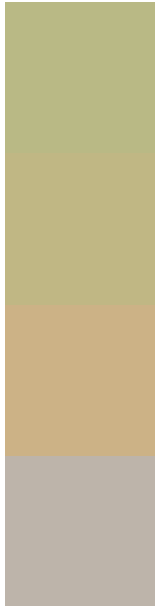
Protanopia
74, 27.418, 95.382

Deuteranopia
74, 27.401, 69.490



Tritanopia
74, 9.434, 326.695

Trichromacy



Original Color
74, 27.758, 107.486

Protanomaly
74, 27.536, 99.784

Deuteranomaly
74, 26.130, 83.466

Tritanomaly
74, 6.394, 76.925

Monochromacy



Original Color
74, 27.758, 107.486

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 10.254, 109.175

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 27.758, 107.486 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(185, 185, 133)` looks like.

```
.text, #text, p{  
    color:rgb(185, 185, 133)  
}
```

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(185, 185, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 185, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 27.758, 107.486 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(185, 185, 133) }
```

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

```
.border{ border-color:rgb(185, 185, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 185, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 185, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 185, 133);  
box-shadow:4px 4px 4px 4px rgb(185, 185,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 27.758, 107.486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 185, 133) }
```

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

```
.background{ background-color: rgb(185,  
185, 133) }
```

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