

Converting Colors

CIELCh(74, 9.360, 83.135)

Have a look what the booklet for
CIELCh(74, 9.360, 83.135) contains.

CIELCh(74, 9.451, 85.059)	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, 9.451, 85.059)

Conversions

Conversions Part 1

Format	Color
Hex	BFB5A5
RGB	191, 181, 165
RGB Percent	75%, 71%, 65%
CMY	0.2519, 0.2911, 0.3539
CMYK	0.00, 0.05, 0.14, 0.25
HSL	37°, 17%, 70%
HSV	37°, 14%, 75%
XYZ	44.6707, 46.7039, 42.1458
YIQ	182.1660, 11.0960, -2.8560

Conversions

Conversions Part 2

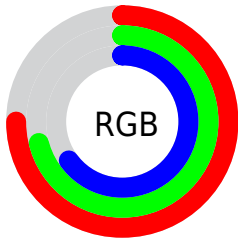
Format	Color
RYB	181, 191, 165
Decimal	12563877
CIELab	74.00, 0.81, 9.42
CIELCh	74, 9.451, 85.059
Yxy	46.7039, 0.3346, 0.3498
Android (android.graphics.Color)	4290753957 (0xFFBFB5A5)
YUV	182.1660, -8.4628, 7.7474
Hunter-Lab	68.3403, -2.9187, 11.2738

Details

The CIELCh color $74, 9.451, 85.059$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $71, 9.352, 268.706$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 9.440, 86.627$, and $54, 9.399, 85.468$ is the 20% darker color. If you saturate the color by 10%, you get $72, 16.624, 83.774$, and if you desaturate by 10%, it is $76, 2.475, 86.261$.

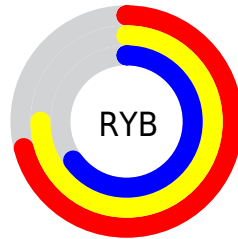
Distribution



Red (75%)

Green (71%)

Blue (65%)



Red (71%)

Yellow (75%)

Blue (65%)

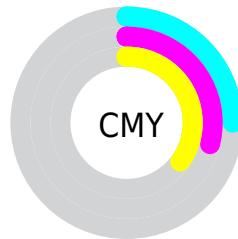


Cyan (0%)

Magenta (5%)

Yellow (14%)

Black (25%)



Cyan (25%)

Magenta (29%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 9.451, 85.059 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, 9.451, 85.059 by changing the saturation by 10% instead.

 74, 9.451, 85.059  74, 9.451, 85.059

 100, 9.451, 85.059  64, 9.451, 85.059

 94, 9.451, 85.059  54, 9.451, 85.059

 44, 9.451, 85.059

 34, 9.451, 85.059

 24, 9.451, 85.059

 14, 9.451, 85.059

 4, 9.451, 85.059

 0, 9.451, 85.059

 74, 9.451, 85.059  74, 9.451, 85.059

72, 16.624, 83.774

76, 2.475, 86.261

69, 23.986, 82.431

79, 4.314, 267.656

67, 31.505, 81.049

81, 10.927,
268.794

65, 39.106, 79.622

84, 17.377,
269.909

63, 46.623, 78.128

61, 53.744, 76.514

86, 21.233,
267.910

59, 59.919, 74.667

88, 18.918,
255.917

57, 64.365, 72.385

56, 66.441, 70.757

90, 17.599,
241.558

92, 17.474,
226.135

94, 18.536,
211.632

Harmonies

Complementary

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



74, 9.451, 85.059



71, 9.352, 268.706

Rectangle

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



74, 9.451, 85.059



74, 9.451, 135.059



74, 9.451, 265.059



74, 9.451, 315.059

Sweetspot

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



74, 9.452, 85.072



96, 3.374, 86.218



70, 11.406, 350.637



52, 2.421, 86.138



99, 0.012, 296.813



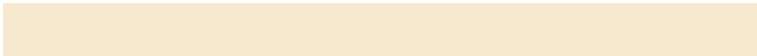
52, 0.007, 296.813

Same Dimension

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



74, 9.452, 85.072



93, 13.758, 84.736



76, 13.930, 113.010



39, 3.872, 85.607



47, 57.788, 71.259



7, 10.593, 73.191

Inverse Universe

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



71, 9.352, 268.706



88, 13.576, 269.108



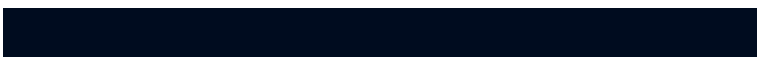
69, 14.361, 295.310



38, 3.849, 268.092



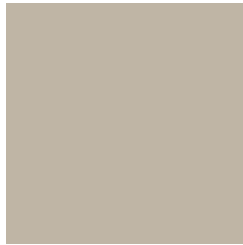
29, 62.046, 292.992



3, 12.893, 276.230

Previews

White Background



This preview shows how the CIELCh color 74, 9.451, 85.059 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, 9.451, 85.059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

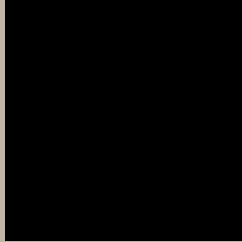
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

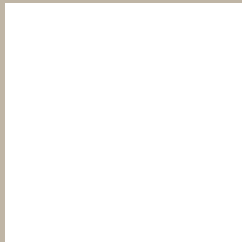
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 9.451, 85.059

Background



This preview shows how black text looks on a background with the CIELCh color 74, 9.451, 85.059.



This preview shows how white text looks on a background with the CIELCh color 74, 9.451, 85.059.

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, 9.451, 85.059

Protanopia

74, 9.158, 89.530

Deuteranopia

74, 12.766, 42.502



Tritanopia
74, 9.889, 330.220

Trichromacy



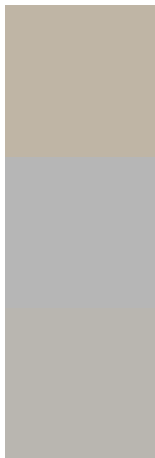
Original Color
74, 9.451, 85.059

Protanomaly
74, 9.297, 87.261

Deuteranomaly
74, 10.793, 53.194

Tritanomaly
74, 5.890, 3.881

Monochromacy



Original Color
74, 9.451, 85.059

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 3.414, 90.467

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 9.451, 85.059 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(191, 181, 165)` looks like.

```
.text, #text, p{  
    color:rgb(191, 181, 165)  
}
```

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(191, 181, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 181, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 9.451, 85.059 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(191, 181, 165) }
```

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

```
.border{ border-color:rgb(191, 181, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 181, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 181, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 181, 165);  
box-shadow:4px 4px 4px 4px rgb(191, 181,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 9.451, 85.059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 181, 165) }
```

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

```
.background{ background-color: rgb(191,  
181, 165) }
```

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