

Converting Colors

CIELCh(74, 8.631, 83.792)

Have a look what the booklet for
CIELCh(74, 8.631, 83.792) contains.

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Color

CIELCh(74, 8.796, 86.033)

Conversions

Conversions Part 1

Format	Color
Hex	BEB5A6
RGB	190, 181, 166
RGB Percent	75%, 71%, 65%
CMY	0.2552, 0.2905, 0.3493
CMYK	0.00, 0.05, 0.13, 0.26
HSL	38°, 16%, 70%
HSV	38°, 13%, 74%
XYZ	44.5999, 46.7039, 42.7042
YIQ	181.9810, 10.1790, -2.7570

Conversions

Conversions Part 2

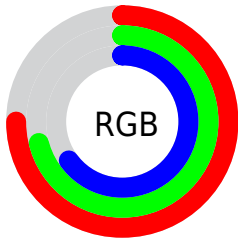
Format	Color
RYB	180, 190, 166
Decimal	12498342
CIELab	74.00, 0.61, 8.77
CIELCh	74, 8.796, 86.033
Yxy	46.7039, 0.3328, 0.3485
Android (android.graphics.Color)	4290688422 (0xFFBEB5A6)
YUV	181.9810, -7.8786, 7.0327
Hunter-Lab	68.3403, -3.1036, 10.7893

Details

The CIELCh color $74, 8.796, 86.033$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $71, 8.727, 269.398$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 8.824, 87.614$, and $54, 8.871, 84.110$ is the 20% darker color. If you saturate the color by 10%, you get $72, 15.976, 84.756$, and if you desaturate by 10%, it is $76, 1.804, 87.193$.

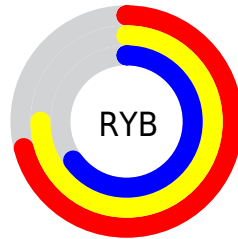
Distribution



Red (75%)

Green (71%)

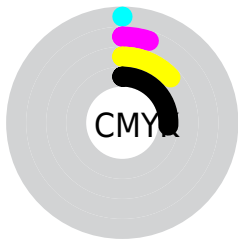
Blue (65%)



Red (71%)

Yellow (75%)

Blue (65%)

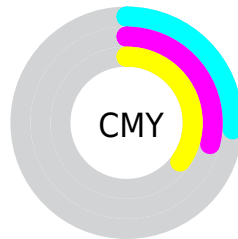


Cyan (0%)

Magenta (5%)

Yellow (13%)

Black (26%)



Cyan (26%)

Magenta (29%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 8.796, 86.033 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, 8.796, 86.033 by changing the saturation by 10% instead.

 74, 8.796, 86.033

 74, 8.796, 86.033

 100, 8.796, 86.033

 64, 8.796, 86.033

 94, 8.796, 86.033

 54, 8.796, 86.033

 44, 8.796, 86.033

 34, 8.796, 86.033

 24, 8.796, 86.033

 14, 8.796, 86.033

 4, 8.796, 86.033

 0, 8.796, 86.033

 74, 8.796, 86.033

 74, 8.796, 86.033

72, 15.976, 84.756

76, 1.804, 87.193

69, 23.334, 83.418

79, 5.009, 268.606

67, 30.842, 82.041

81, 11.652,
269.743

65, 38.425, 80.619

84, 18.141,
270.851

63, 45.927, 79.134

61, 53.049, 77.538

86, 21.670,
268.575

59, 59.266, 75.730

88, 19.350,
257.279

57, 63.820, 73.524

56, 66.164, 71.668

89, 17.934,
243.734

91, 17.613,
228.969

93, 18.419,
214.723

Harmonies

Complementary

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



74, 8.796, 86.033



71, 8.727, 269.398

Rectangle

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



74, 8.796, 86.033



74, 8.796, 136.033



74, 8.796, 266.033



74, 8.796, 316.033

Sweetspot

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



74, 8.797, 86.047



96, 3.406, 87.067



70, 10.422, 351.584



52, 2.444, 86.987



99, 0.012, 296.813



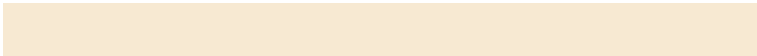
52, 0.007, 296.813

Same Dimension

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



74, 8.797, 86.047



93, 12.990, 85.716



76, 12.887, 113.772



39, 3.907, 86.455



47, 57.746, 72.149



7, 10.668, 74.339

Inverse Universe

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



71, 8.727, 269.398



89, 12.856, 269.788



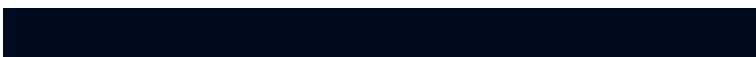
69, 13.255, 295.831



37, 3.888, 268.932



28, 63.088, 293.630



3, 13.002, 276.749

Previews

White Background



This preview shows how the CIELCh color 74, 8.796, 86.033 looks on a white background.

Color Contrast Check

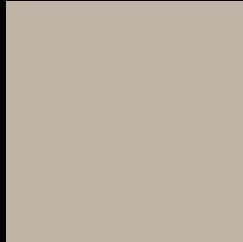
Large Text (above 18pt) WCAG AA × Fail

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, 8.796, 86.033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

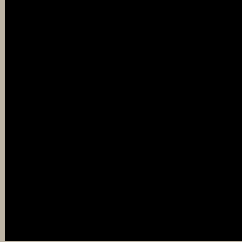
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

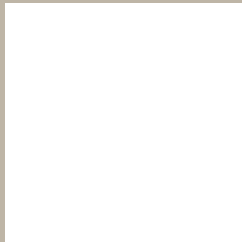
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 8.796, 86.033

Background



This preview shows how black text looks on a background with the CIELCh color 74, 8.796, 86.033.

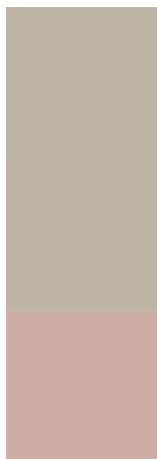


This preview shows how white text looks on a background with the CIELCh color 74, 8.796, 86.033.

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, 8.796, 86.033

Protanopia

74, 8.650, 88.409

Deuteranopia

74, 12.542, 40.298



Tritanopia
74, 9.657, 328.497

Trichromacy



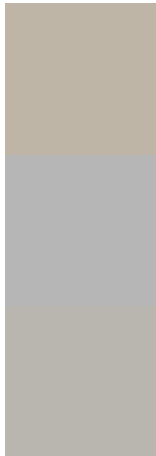
Original Color
74, 8.796, 86.033

Protanomaly
74, 8.650, 88.409

Deuteranomaly
74, 10.486, 50.826

Tritanomaly
74, 5.703, 357.557

Monochromacy



Original Color
74, 8.796, 86.033

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, 8.796, 86.033 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(190, 181, 166)` looks like.

```
.text, #text, p{  
    color:rgb(190, 181, 166)  
}
```

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(190, 181, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 181, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 8.796, 86.033 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(190, 181, 166) }
```

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

```
.border{ border-color:rgb(190, 181, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 181, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 181, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 181, 166);  
box-shadow:4px 4px 4px 4px rgb(190, 181,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 8.796, 86.033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 181, 166) }
```

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

```
.background{ background-color: rgb(190,  
181, 166) }
```

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](#).

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