

Converting Colors

CIELCh(74, 8.842, 83.756)

Have a look what the booklet for
CIELCh(74, 8.842, 83.756) contains.

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Color

CIELCh(74, 8.958, 83.736)

Conversions

Conversions Part 1

Format	Color
Hex	BFB5A6
RGB	191, 181, 166
RGB Percent	75%, 71%, 65%
CMY	0.2522, 0.2914, 0.3502
CMYK	0.00, 0.05, 0.13, 0.25
HSL	36°, 16%, 70%
HSV	36°, 13%, 75%
XYZ	44.7271, 46.7039, 42.5909
YIQ	182.2800, 10.7750, -2.5450

Conversions

Conversions Part 2

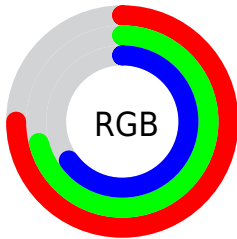
Format	Color
RYB	183, 191, 166
Decimal	12563878
CIELab	74.00, 0.98, 8.90
CIELCh	74, 8.958, 83.736
Yxy	46.7039, 0.3337, 0.3485
Android (android.graphics.Color)	4290753958 (0xFFBFB5A6)
YUV	182.2800, -8.0260, 7.6474
Hunter-Lab	68.3403, -2.7715, 10.8876

Details

The CIELCh color $74, 8.958, 83.736$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $71, 8.846, 267.253$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 8.967, 85.426$, and $54, 8.871, 84.110$ is the 20% darker color. If you saturate the color by 10%, you get $72, 16.041, 82.455$, and if you desaturate by 10%, it is $76, 2.085, 84.916$.

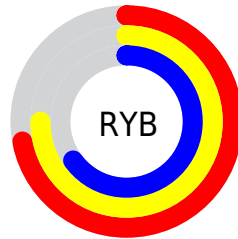
Distribution



Red (75%)

Green (71%)

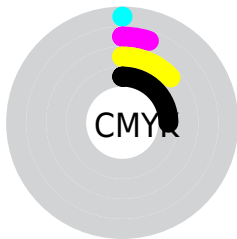
Blue (65%)



Red (72%)

Yellow (75%)

Blue (65%)

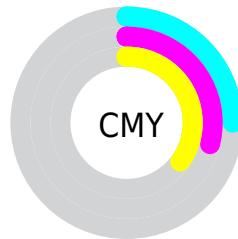


Cyan (0%)

Magenta (5%)

Yellow (13%)

Black (25%)



Cyan (25%)

Magenta (29%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 8.958, 83.736 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, 8.958, 83.736 by changing the saturation by 10% instead.

 74, 8.958, 83.736

 74, 8.958, 83.736

 100, 8.958, 83.736

 64, 8.958, 83.736

 94, 8.958, 83.736

 54, 8.958, 83.736

 44, 8.958, 83.736

 34, 8.958, 83.736

 24, 8.958, 83.736

 14, 8.958, 83.736

 4, 8.958, 83.736

 0, 8.958, 83.736

 74, 8.958, 83.736

 74, 8.958, 83.736

72, 16.041, 82.455

76, 2.085, 84.916

69, 23.329, 81.115

79, 4.590, 266.336

67, 30.799, 79.737

81, 11.080,
267.478

65, 38.381, 78.317

84, 17.402,
268.596

63, 45.927, 76.832

60, 53.139, 75.229

86, 20.739,
265.790

58, 59.488, 73.392

88, 18.530,
252.759

57, 64.191, 71.113

55, 66.559, 69.328

90, 17.459,
237.396

92, 17.699,
221.451

94, 19.168,
207.082

Harmonies

Complementary

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



74, 8.958, 83.736



71, 8.846, 267.253

Rectangle

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



74, 8.958, 83.736



74, 8.958, 133.736



74, 8.958, 263.736



74, 8.958, 313.736

Sweetspot

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



74, 8.959, 83.750



96, 3.326, 84.828



70, 10.959, 350.583



52, 2.387, 84.749



99, 0.012, 296.813



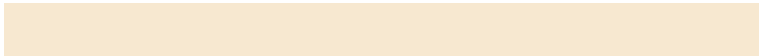
52, 0.007, 296.813

Same Dimension

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



74, 8.959, 83.750



92, 13.578, 83.348



76, 13.395, 113.052



39, 3.818, 84.219



46, 57.889, 69.844



7, 10.484, 71.353

Inverse Universe

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



71, 8.846, 267.253



89, 13.352, 267.734



69, 13.794, 295.260



38, 3.789, 266.715



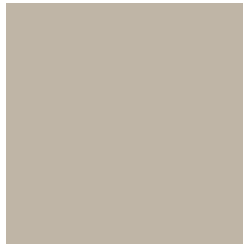
30, 60.385, 291.928



3, 12.717, 275.363

Previews

White Background



This preview shows how the CIELCh color 74, 8.958, 83.736 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, 8.958, 83.736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

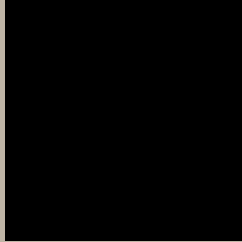
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

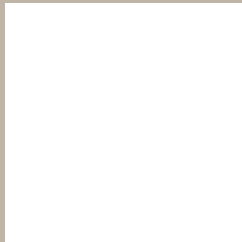
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 8.958, 83.736

Background



This preview shows how black text looks on a background with the CIELCh color 74, 8.958, 83.736.



This preview shows how white text looks on a background with the CIELCh color 74, 8.958, 83.736.

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, 8.958, 83.736

Protanopia

74, 8.650, 88.409

Deuteranopia

74, 12.542, 40.298



Tritanopia
74, 9.889, 330.220

Trichromacy



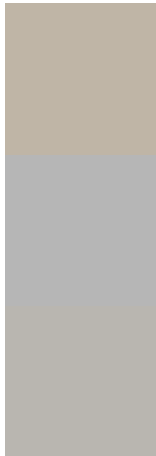
Original Color
74, 8.958, 83.736

Protanomaly
74, 8.796, 86.033

Deuteranomaly
74, 10.486, 50.826

Tritanomaly
74, 6.055, 358.962

Monochromacy



Original Color
74, 8.958, 83.736

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, 8.958, 83.736 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(191, 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(191, 181, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 181, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 8.958, 83.736 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, 166) }
```

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

```
.border{ border-color:rgb(191, 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(191, 181, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 181, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 181, 166);  
box-shadow:4px 4px 4px 4px rgb(191, 181,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 8.958, 83.736 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, 166) }
```

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

```
.background{ background-color: rgb(191,  
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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