

Converting Colors

CIELCh(74, 8.000, 69.612)

Have a look what the booklet for
CIELCh(74, 8.000, 69.612) contains.

CIELCh(74, 8.190, 71.641)	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, 8.190, 71.641)

Conversions

Conversions Part 1

Format	Color
Hex	C1B4A8
RGB	193, 180, 168
RGB Percent	76%, 71%, 66%
CMY	0.2438, 0.2948, 0.3419
CMYK	0.00, 0.07, 0.13, 0.24
HSL	29°, 17%, 71%
HSV	29°, 13%, 76%
XYZ	45.2821, 46.7039, 43.5869
YIQ	182.5190, 11.6000, -0.9760

Conversions

Conversions Part 2

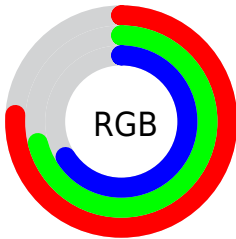
Format	Color
RYB	193, 191, 168
Decimal	12694696
CIELab	74.00, 2.58, 7.77
CIELCh	74, 8.190, 71.641
Yxy	46.7039, 0.3340, 0.3445
Android (android.graphics.Color)	4290884776 (0xFFC1B4A8)
YUV	182.5190, -7.1579, 9.1918
Hunter-Lab	68.3403, -1.3217, 10.0235

Details

The CIELCh color $74, 8.190, 71.641$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73, 7.900, 254.980$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 8.390, 72.033$, and $54, 8.060, 71.081$ is the 20% darker color. If you saturate the color by 10%, you get $71, 14.878, 70.474$, and if you desaturate by 10%, it is $77, 1.823, 72.687$.

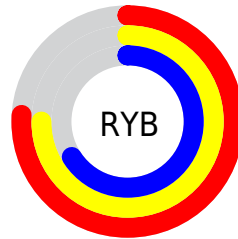
Distribution



Red (76%)

Green (71%)

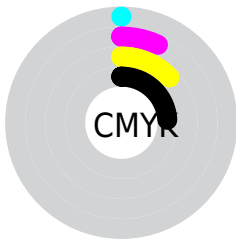
Blue (66%)



Red (76%)

Yellow (75%)

Blue (66%)

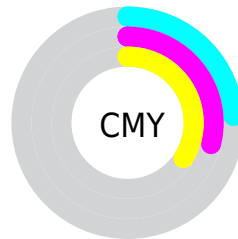


Cyan (0%)

Magenta (7%)

Yellow (13%)

Black (24%)



Cyan (24%)

Magenta (29%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 8.190, 71.641 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, 8.190, 71.641 by changing the saturation by 10% instead.

 74, 8.190, 71.641  74, 8.190, 71.641

 100, 8.190, 71.641  64, 8.190, 71.641

 94, 8.190, 71.641  54, 8.190, 71.641

 44, 8.190, 71.641

 34, 8.190, 71.641

 24, 8.190, 71.641

 14, 8.190, 71.641

 4, 8.190, 71.641

 0, 8.190, 71.641

 74, 8.190, 71.641  74, 8.190, 71.641

71, 14.878, 70.474

77, 1.823, 72.687

68, 21.907, 69.271

80, 4.254, 254.146

65, 29.283, 68.063

83, 10.069,
255.232

62, 36.977, 66.848

87, 15.652,
256.320

60, 44.892, 65.605

57, 52.794, 64.271

89, 17.448,
247.507

55, 60.203, 62.696

92, 16.959,
225.997

52, 66.275, 60.593

51, 69.716, 58.865

95, 18.719,
206.245

96, 20.266,
198.171

Harmonies

Complementary

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



74, 8.190, 71.641



73, 7.900, 254.980

Rectangle

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



74, 8.190, 71.641



74, 8.190, 121.641



74, 8.190, 251.641



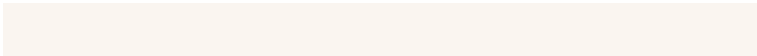
74, 8.190, 301.641

Sweetspot

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



74, 8.190, 71.657



97, 3.048, 72.613



71, 11.904, 342.925



51, 2.171, 72.547



99, 0.012, 296.813



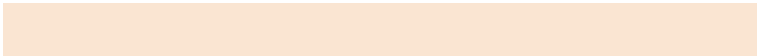
52, 0.007, 296.813

Same Dimension

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



74, 8.190, 71.657



92, 12.582, 71.272



77, 12.894, 107.541



39, 3.564, 72.068



43, 60.710, 59.422



6, 11.467, 56.006

Inverse Universe

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



73, 7.900, 254.980



91, 12.008, 255.464



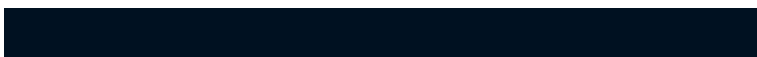
70, 13.253, 290.221



39, 3.478, 254.490



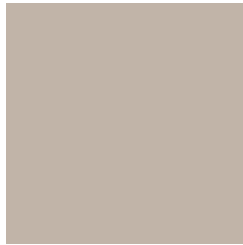
36, 48.618, 281.516



5, 12.550, 267.678

Previews

White Background



This preview shows how the CIELCh color 74, 8.190, 71.641 looks on a white background.

Color Contrast Check

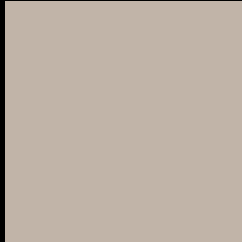
Large Text (above 18pt) WCAG AA × Fail

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, 8.190, 71.641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

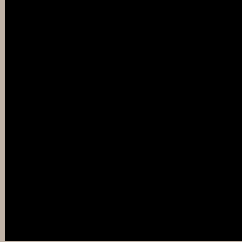
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

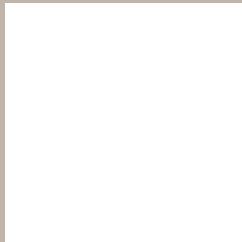
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 8.190, 71.641

Background



This preview shows how black text looks on a background with the CIELCh color 74, 8.190, 71.641.



This preview shows how white text looks on a background with the CIELCh color 74, 8.190, 71.641.

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, 8.190, 71.641

Protanopia

74, 6.995, 86.921

Deuteranopia

74, 11.565, 39.170



Tritanopia
74, 10.644, 334.949

Trichromacy



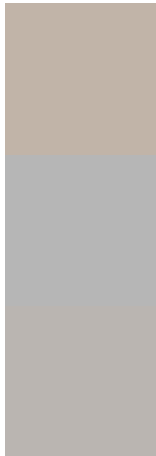
Original Color
74, 8.190, 71.641

Protanomaly
74, 7.327, 81.309

Deuteranomaly
74, 9.934, 45.664

Tritanomaly
74, 7.313, 358.328

Monochromacy



Original Color
74, 8.190, 71.641

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 2.850, 68.498

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 8.190, 71.641 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(193, 180, 168)` looks like.

```
.text, #text, p{  
    color:rgb(193, 180, 168)  
}
```

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(193, 180, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 180, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 8.190, 71.641 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(193, 180, 168) }
```

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

```
.border{ border-color:rgb(193, 180, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 180, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 180, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 180, 168);  
box-shadow:4px 4px 4px 4px rgb(193, 180,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 8.190, 71.641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 180, 168) }
```

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

```
.background{ background-color: rgb(193,  
180, 168) }
```

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