

Converting Colors

CIELCh(79, 5.201, 74.390)

Have a look what the booklet for
CIELCh(79, 5.201, 74.390) contains.

CIELCh(79, 5.197, 74.391)	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(79, 5.197, 74.391)

Conversions

Conversions Part 1

Format	Color
Hex	CAC2BA
RGB	202, 194, 186
RGB Percent	79%, 76%, 73%
CMY	0.2063, 0.2377, 0.2691
CMYK	0.00, 0.04, 0.08, 0.21
HSL	30°, 13%, 76%
HSV	30°, 8%, 79%
XYZ	52.7445, 54.9284, 54.4906
YIQ	195.4800, 7.3360, -0.7920

Conversions

Conversions Part 2

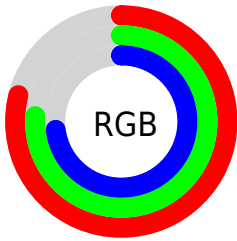
Format	Color
RYB	202, 202, 186
Decimal	13288122
CIELab	79.00, 1.40, 5.01
CIELCh	79, 5.197, 74.391
Yxy	54.9284, 0.3253, 0.3387
Android (android.graphics.Color)	4291478202 (0xFFCAC2BA)
YUV	195.4800, -4.6736, 5.7180
Hunter-Lab	74.1137, -2.6659, 8.2878

Details

The CIELCh color **79, 5.197, 74.391** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78, 5.108, 256.526**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 4.417, 86.084**, and **59, 5.084, 70.509** is the 20% darker color. If you saturate the color by 10%, you get **76, 12.051, 73.224**, and if you desaturate by 10%, it is **82, 1.354, 255.969**.

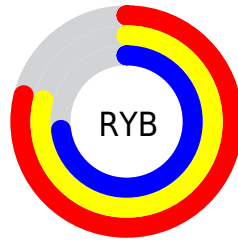
Distribution



Red (79%)

Green (76%)

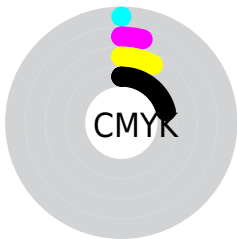
Blue (73%)



Red (79%)

Yellow (79%)

Blue (73%)

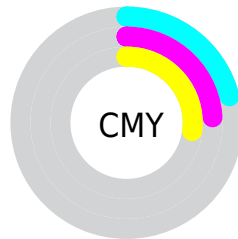


Cyan (0%)

Magenta (4%)

Yellow (8%)

Black (21%)



Cyan (21%)

Magenta (24%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 5.197, 74.391 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 79, 5.197, 74.391 by changing the saturation by 10% instead.

 79, 5.197, 74.391

 79, 5.197, 74.391

 100, 5.197, 74.391

 69, 5.197, 74.391

 99, 5.197, 74.391

 59, 5.197, 74.391

 49, 5.197, 74.391

 39, 5.197, 74.391

 29, 5.197, 74.391

 19, 5.197, 74.391

 9, 5.197, 74.391

 0, 5.197, 74.391

 79, 5.197, 74.391

 79, 5.197, 74.391

76, 12.051, 73.224

82, 1.354, 255.969

73, 19.229, 71.986

85, 7.632, 256.920

70, 26.744, 70.731

88, 13.666,
258.038

67, 34.582, 69.462

91, 14.705,
244.359

64, 42.673, 68.170

62, 50.846, 66.814

94, 14.814,
219.124

59, 58.730, 65.295

97, 17.368,
198.354

57, 65.628, 63.402

54, 70.696, 60.867

Harmonies

Complementary

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



79, 5.197, 74.391



78, 5.108, 256.526

Rectangle

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



79, 5.197, 74.391



79, 5.197, 124.391



79, 5.197, 254.391



79, 5.197, 304.391

Sweetspot

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



79, 5.198, 74.416



99, 1.559, 74.918



77, 7.345, 344.249



53, 0.886, 74.915



0, 0.000, 0.000



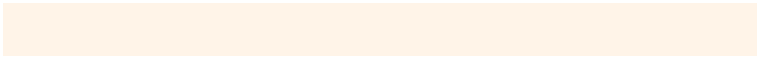
53, 0.007, 296.813

Same Dimension

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



79, 5.198, 74.416



97, 7.156, 74.277



81, 8.463, 109.415



41, 3.765, 74.245



45, 61.639, 60.942



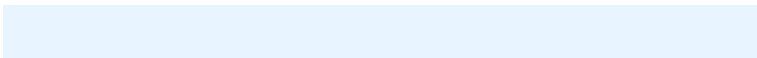
8, 14.350, 57.881

Inverse Universe

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



78, 5.108, 256.526



95, 7.008, 256.684



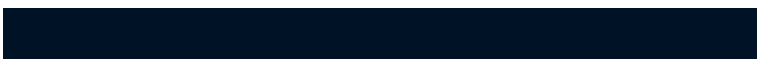
76, 8.625, 290.986



41, 3.685, 256.721



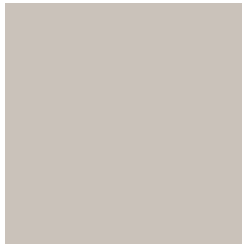
36, 51.917, 283.695



6, 15.151, 271.203

Previews

White Background



This preview shows how the CIELCh color 79, 5.197, 74.391 looks on a white background.

Color Contrast Check

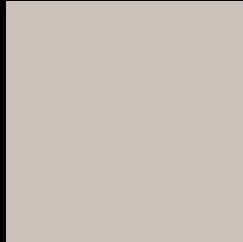
Large Text (above 18pt) WCAG AA × Fail

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 79, 5.197, 74.391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

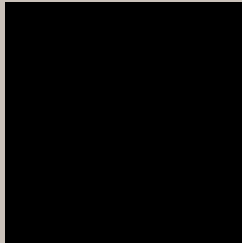
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

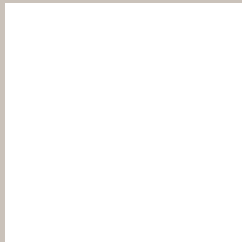
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 5.197, 74.391

Background



This preview shows how black text looks on a background with the CIELCh color 79, 5.197, 74.391.

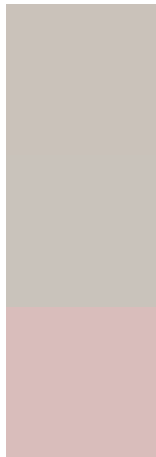


This preview shows how white text looks on a background with the CIELCh color 79, 5.197, 74.391.

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


79, 5.197, 74.391

Protanopia

79, 4.797, 81.800

Deuteranopia

79, 10.695, 25.885



Tritanopia
79, 9.542, 322.982

Trichromacy



Original Color
79, 5.197, 74.391

Protanomaly
79, 4.984, 77.953

Deuteranomaly
79, 8.229, 34.890

Tritanomaly
79, 5.812, 339.799

Monochromacy



Original Color
79, 5.197, 74.391

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 1.524, 63.353

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 5.197, 74.391 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(202, 194, 186)` looks like.

```
.text, #text, p{  
    color:rgb(202, 194, 186)  
}
```

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(202, 194, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 194, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 5.197, 74.391 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(202, 194, 186) }
```

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

```
.border{ border-color:rgb(202, 194, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 194, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 194, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 194, 186);  
box-shadow:4px 4px 4px 4px rgb(202, 194,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 5.197, 74.391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 194, 186) }
```

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

```
.background{ background-color: rgb(202,  
194, 186) }
```

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