

Converting Colors

CIELCh(74, 16.756, 76.988)

Have a look what the booklet for
CIELCh(74, 16.756, 76.988) contains.

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Color

CIELCh(74, 17.078, 77.603)

Conversions

Conversions Part 1

Format	Color
Hex	C9B398
RGB	201, 179, 152
RGB Percent	79%, 70%, 60%
CMY	0.2133, 0.2995, 0.4054
CMYK	0.00, 0.11, 0.24, 0.21
HSL	33°, 31%, 69%
HSV	33°, 24%, 79%
XYZ	45.6613, 46.7039, 36.1535
YIQ	182.5000, 21.7790, -3.7330

Conversions

Conversions Part 2

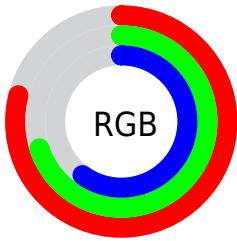
Format	Color
RYB	192, 201, 152
Decimal	13218712
CIELab	74.00, 3.67, 16.68
CIELCh	74, 17.078, 77.603
Yxy	46.7039, 0.3553, 0.3634
Android (android.graphics.Color)	4291408792 (0xFFC9B398)
YUV	182.5000, -15.0365, 16.2245
Hunter-Lab	68.3403, -0.3315, 16.4725

Details

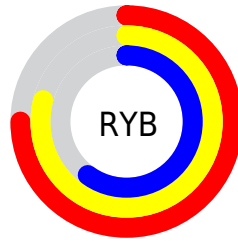
The CIELCh color **74, 17.078, 77.603** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **70, 16.326, 264.447**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 16.686, 82.153**, and **54, 16.869, 77.296** is the 20% darker color. If you saturate the color by 10%, you get **71, 24.538, 76.289**, and if you desaturate by 10%, it is **77, 9.891, 78.898**.

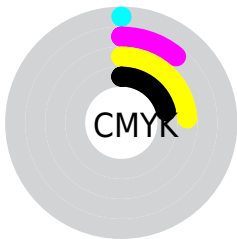
Distribution



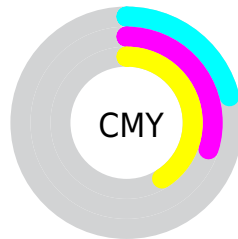
- Red (79%)
- Green (70%)
- Blue (60%)



- Red (75%)
- Yellow (79%)
- Blue (60%)



- Cyan (0%)
- Magenta (11%)
- Yellow (24%)
- Black (21%)



- Cyan (21%)
- Magenta (30%)
- Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 17.078, 77.603 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, 17.078, 77.603 by changing the saturation by 10% instead.

 74, 17.078, 77.603

 74, 17.078, 77.603

 100, 17.078,
77.603

 64, 17.078, 77.603

 94, 17.078, 77.603

 54, 17.078, 77.603

 44, 17.078, 77.603

 34, 17.078, 77.603

 24, 17.078, 77.603

 14, 17.078, 77.603

 4, 17.078, 77.603

 0, 17.078, 77.603

 74, 17.078, 77.603

 74, 17.078, 77.603

71, 24.538, 76.289

77, 9.891, 78.898

69, 32.253, 74.937

80, 2.968, 80.089

66, 40.160, 73.550

82, 3.706, 261.520

64, 48.108, 72.100

85, 10.154,
262.652

61, 55.786, 70.517

88, 16.398,
263.783

59, 62.609, 68.654

57, 67.696, 66.244

91, 15.411,
248.024

56, 69.928, 64.744

93, 14.962,
226.223

95, 16.563,
206.207

96, 17.916,
198.319

Harmonies

Complementary

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



74, 17.078, 77.603



70, 16.326, 264.447

Rectangle

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



74, 17.078, 77.603



74, 17.078, 127.603



74, 17.078, 257.603



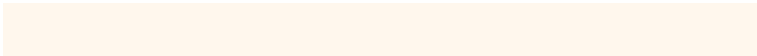
74, 17.078, 307.603

Sweetspot

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



74, 17.079, 77.611



98, 5.752, 79.795



68, 22.204, 348.736



52, 3.742, 79.723



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 17.079, 77.611



90, 24.885, 76.955



80, 25.831, 109.983



41, 3.826, 79.523



46, 59.880, 65.334



8, 13.058, 63.904

Inverse Universe

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



70, 16.326, 264.447



85, 23.543, 265.396



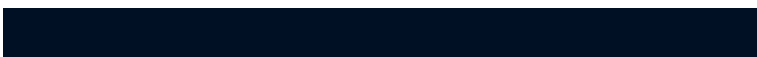
64, 27.351, 294.742



40, 3.772, 262.043



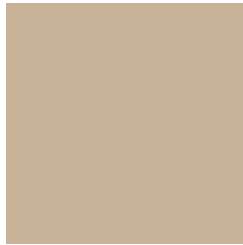
33, 56.617, 288.266



4, 14.849, 274.317

Previews

White Background



This preview shows how the CIELCh color 74, 17.078, 77.603 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, 17.078, 77.603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

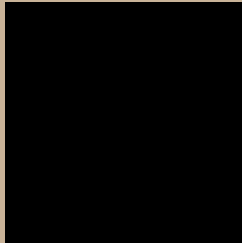
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 17.078, 77.603

Background



This preview shows how black text looks on a background with the CIELCh color 74, 17.078, 77.603.



This preview shows how white text looks on a background with the CIELCh color 74, 17.078, 77.603.

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, 17.078, 77.603

Protanopia

74, 16.101, 94.358

Deuteranopia

74, 18.961, 60.720



Tritanopia
74, 13.606, 349.602

Trichromacy



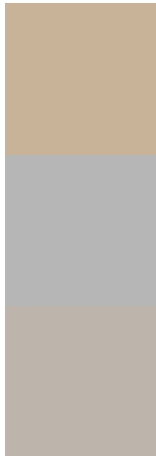
Original Color
74, 17.078, 77.603

Protanomaly
74, 16.088, 88.399

Deuteranomaly
74, 18.118, 65.265

Tritanomaly
74, 10.464, 26.113

Monochromacy



Original Color
74, 17.078, 77.603

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 6.188, 79.948

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 17.078, 77.603 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(201, 179, 152)` looks like.

```
.text, #text, p{  
    color:rgb(201, 179, 152)  
}
```

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(201, 179, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 179, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 17.078, 77.603 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(201, 179, 152) }
```

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

```
.border{ border-color:rgb(201, 179, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 179, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 179, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 179, 152);  
box-shadow:4px 4px 4px 4px rgb(201, 179,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 17.078, 77.603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 179, 152) }
```

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

```
.background{ background-color: rgb(201,  
179, 152) }
```

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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