

Converting Colors

CIELCh(79, 8.283, 79.099)

Have a look what the booklet for
CIELCh(79, 8.283, 79.099) contains.

CIELCh(79, 8.074, 78.285)	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, 8.074, 78.285)

Conversions

Conversions Part 1

Format	Color
Hex	CDC2B5
RGB	205, 194, 181
RGB Percent	80%, 76%, 71%
CMY	0.1959, 0.2390, 0.2900
CMYK	0.00, 0.05, 0.12, 0.20
HSL	33°, 19%, 76%
HSV	33°, 12%, 80%
XYZ	52.8373, 54.9284, 51.5587
YIQ	195.8070, 10.7290, -1.7110

Conversions

Conversions Part 2

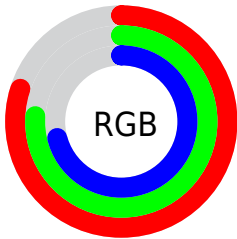
Format	Color
R_{YB}	201, 205, 181
Decimal	13484725
CIE Lab	79.00, 1.64, 7.91
CIE LCh	79, 8.074, 78.285
Yxy	54.9284, 0.3316, 0.3448
Android (android.graphics.Color)	4291674805 (0xFFCDC2B5)
YUV	195.8070, -7.2999, 8.0623
Hunter-Lab	74.1137, -2.4422, 10.6333

Details

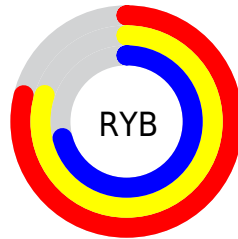
The CIELCh color $79, 8.074, 78.285$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 7.909, 261.433$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 6.827, 94.428$, and $59, 8.127, 75.852$ is the 20% darker color. If you saturate the color by 10%, you get $76, 15.278, 77.034$, and if you desaturate by 10%, it is $82, 1.147, 79.302$.

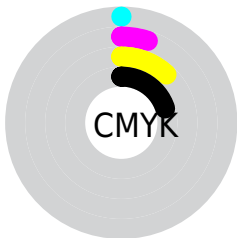
Distribution



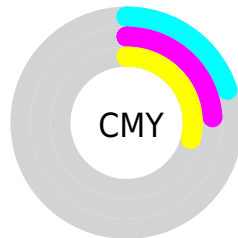
- Red (80%)
- Green (76%)
- Blue (71%)



- Red (79%)
- Yellow (80%)
- Blue (71%)



- Cyan (0%)
- Magenta (5%)
- Yellow (12%)
- Black (20%)



- Cyan (20%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 8.074, 78.285 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, 8.074, 78.285 by changing the saturation by 10% instead.

 79, 8.074, 78.285

 79, 8.074, 78.285

 100, 8.074, 78.285

 69, 8.074, 78.285

 99, 8.074, 78.285

 59, 8.074, 78.285

 49, 8.074, 78.285

 39, 8.074, 78.285

 29, 8.074, 78.285

 19, 8.074, 78.285

 9, 8.074, 78.285

 0, 8.074, 78.285

 79, 8.074, 78.285

 79, 8.074, 78.285

76, 15.278, 77.034

82, 1.147, 79.302

73, 22.769, 75.727

85, 5.527, 260.880

71, 30.541, 74.392

88, 11.969,
262.023

68, 38.549, 73.028

91, 14.754,
254.625

65, 46.672, 71.614

63, 54.652, 70.092

93, 13.727,
230.610

60, 61.978, 68.338

96, 15.140,
207.492

58, 67.813, 66.109

56, 71.305, 63.865

97, 16.547,
198.407

Harmonies

Complementary

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



79, 8.074, 78.285



77, 7.909, 261.433

Rectangle

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



79, 8.074, 78.285



79, 8.074, 128.285



79, 8.074, 258.285



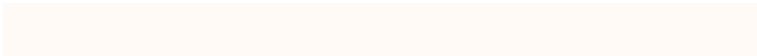
79, 8.074, 308.285

Sweetspot

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



79, 8.075, 78.301



99, 3.240, 79.184



76, 10.798, 346.465



52, 2.307, 79.109



0, 0.000, 0.000



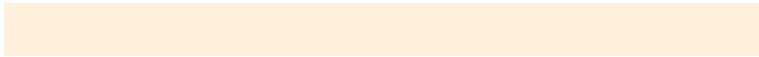
53, 0.007, 296.813

Same Dimension

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



79, 8.075, 78.301



95, 11.586, 77.993



82, 12.658, 110.426



42, 3.879, 78.584



46, 60.742, 64.469



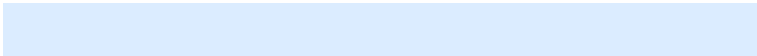
9, 14.413, 63.277

Inverse Universe

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



77, 7.909, 261.433



93, 11.286, 261.800



74, 13.002, 292.649



41, 3.818, 261.107



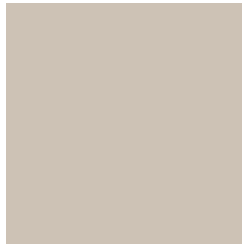
34, 56.328, 287.533



5, 15.936, 274.620

Previews

White Background



This preview shows how the CIELCh color 79, 8.074, 78.285 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, 8.074, 78.285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

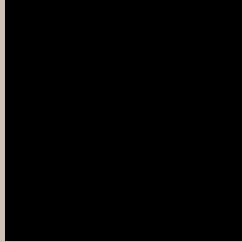
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

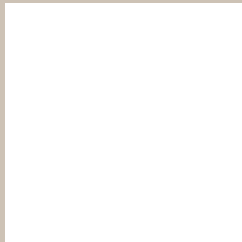
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 8.074, 78.285

Background



This preview shows how black text looks on a background with the CIELCh color 79, 8.074, 78.285.

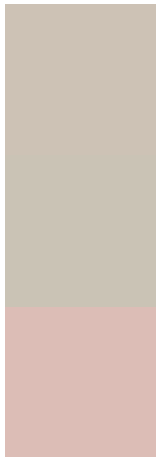


This preview shows how white text looks on a background with the CIELCh color 79, 8.074, 78.285.

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, 8.074, 78.285

Protanopia

79, 7.894, 89.809

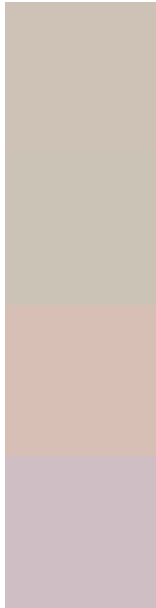
Deuteranopia

79, 12.508, 37.488



Tritanopia
79, 10.406, 329.883

Trichromacy



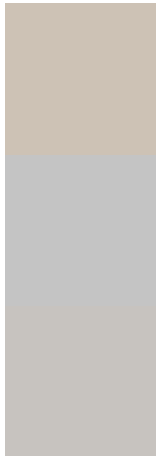
Original Color
79, 8.074, 78.285

Protanomaly
79, 8.029, 87.235

Deuteranomaly
79, 10.379, 47.355

Tritanomaly
79, 6.521, 355.749

Monochromacy



Original Color
79, 8.074, 78.285

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 2.580, 74.795

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 8.074, 78.285 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(205, 194, 181)` looks like.

```
.text, #text, p{  
    color:rgb(205, 194, 181)  
}
```

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(205, 194, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 194, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 8.074, 78.285 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(205, 194, 181) }
```

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

```
.border{ border-color:rgb(205, 194, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 194, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 194, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 194, 181);  
box-shadow:4px 4px 4px 4px rgb(205, 194,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 8.074, 78.285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 194, 181) }
```

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

```
.background{ background-color: rgb(205,  
194, 181) }
```

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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