

Converting Colors

CIELCh(79, 16.880, 89.651)

Have a look what the booklet for
CIELCh(79, 16.880, 89.651) contains.

CIELCh(79, 16.880, 89.651)	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, 16.880, 89.651)

Conversions

Conversions Part 1

Format	Color
Hex	D0C2A4
RGB	208, 194, 164
RGB Percent	82%, 76%, 64%
CMY	0.1827, 0.2376, 0.3553
CMYK	0.00, 0.07, 0.21, 0.18
HSL	41°, 32%, 73%
HSV	41°, 21%, 82%
XYZ	52.2471, 54.9284, 43.1573
YIQ	194.7660, 17.9740, -6.3620

Conversions

Conversions Part 2

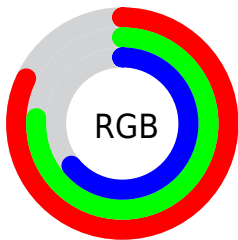
Format	Color
RYB	185, 208, 164
Decimal	13681316
CIELab	79.00, 0.10, 16.88
CIElCh	79, 16.880, 89.651
Yxy	54.9284, 0.3475, 0.3654
Android (android.graphics.Color)	4291871396 (0xFFD0C2A4)
YUV	194.7660, -15.1676, 11.6062
Hunter-Lab	74.1137, -3.8637, 17.3543

Details

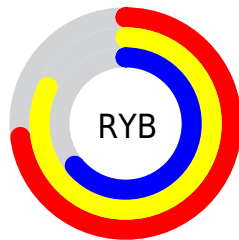
The CIELCh color **79, 16.880, 89.651** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **73, 16.867, 275.332**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 15.834, 102.288**, and **59, 17.121, 90.965** is the 20% darker color. If you saturate the color by 10%, you get **77, 25.099, 88.344**, and if you desaturate by 10%, it is **81, 8.799, 90.925**.

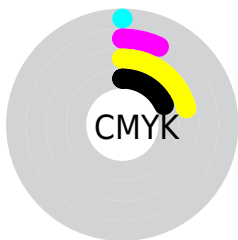
Distribution



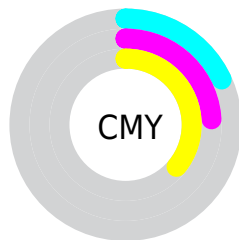
- Red (82%)
- Green (76%)
- Blue (64%)



- Red (73%)
- Yellow (82%)
- Blue (64%)



- Cyan (0%)
- Magenta (7%)
- Yellow (21%)
- Black (18%)



- Cyan (18%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 16.880, 89.651 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, 16.880, 89.651 by changing the saturation by 10% instead.

■ 79, 16.880, 89.651

■ 79, 16.880, 89.651

■ 100, 16.880,
89.651

■ 69, 16.880, 89.651

■ 99, 16.880, 89.651

■ 59, 16.880, 89.651

■ 49, 16.880, 89.651

■ 39, 16.880, 89.651

■ 29, 16.880, 89.651

■ 19, 16.880, 89.651

■ 9, 16.880, 89.651

■ 0, 16.880, 89.651

■ 79, 16.880, 89.651

■ 79, 16.880, 89.651

77, 25.099, 88.344

81, 8.799, 90.925

75, 33.407, 86.988

83, 0.870, 91.913

73, 41.711, 85.591

86, 6.905, 273.407

71, 49.827, 84.139

88, 14.531,
274.525

69, 57.420, 82.601

90, 15.450,
267.081

67, 63.925, 80.902

66, 68.564, 78.907

92, 13.562,
251.920

64, 70.957, 76.835

93, 12.837,
233.736

95, 13.439,
215.515

97, 15.186,
200.278

Harmonies

Complementary

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



79, 16.880, 89.651



73, 16.867, 275.332

Rectangle

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



79, 16.880, 89.651



79, 16.880, 139.651



79, 16.880, 269.651



79, 16.880, 319.651

Sweetspot

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



79, 16.881, 89.659



98, 5.559, 91.531



72, 18.548, 355.818



52, 3.691, 91.454



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, 16.881, 89.659



94, 23.628, 89.116



82, 23.268, 115.177



43, 4.493, 91.134



52, 60.551, 77.283



11, 16.988, 80.293

Inverse Universe

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



73, 16.867, 275.332



85, 23.603, 276.047



69, 24.376, 298.456



41, 4.499, 273.569



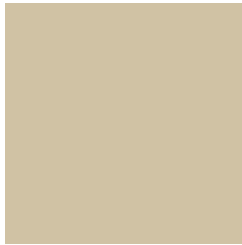
28, 72.851, 297.177



4, 19.995, 283.806

Previews

White Background



This preview shows how the CIELCh color 79, 16.880, 89.651 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, 16.880, 89.651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

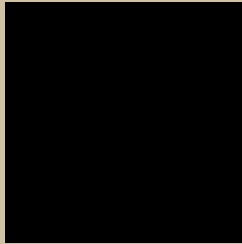
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

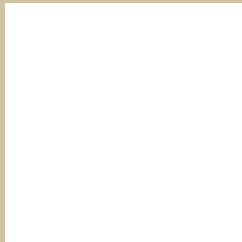
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 16.880, 89.651

Background



This preview shows how black text looks on a background with the CIELCh color 79, 16.880, 89.651.

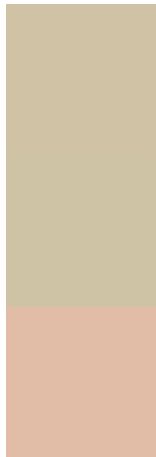


This preview shows how white text looks on a background with the CIELCh color 79, 16.880, 89.651.

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, 16.880, 89.651

Protanopia

79, 16.510, 93.559

Deuteranopia

79, 18.920, 58.170



Tritanopia
79, 11.935, 338.289

Trichromacy



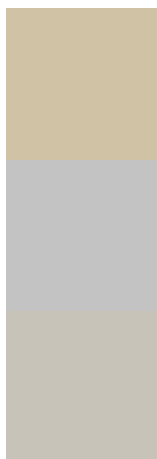
Original Color
79, 16.880, 89.651

Protanomaly
79, 16.618, 92.244

Deuteranomaly
79, 17.672, 68.390

Tritanomaly
79, 7.539, 23.965

Monochromacy



Original Color
79, 16.880, 89.651

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 6.135, 91.744

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 16.880, 89.651 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(208, 194, 164)` looks like.

```
.text, #text, p{  
    color:rgb(208, 194, 164)  
}
```

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(208, 194, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 194, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 16.880, 89.651 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(208, 194, 164) }
```

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

```
.border{ border-color:rgb(208, 194, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 194, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 194, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 194, 164);  
box-shadow:4px 4px 4px 4px rgb(208, 194,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 16.880, 89.651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 194, 164) }
```

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

```
.background{ background-color: rgb(208,  
194, 164) }
```

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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