

Converting Colors

CIELCh(79, 27.268, 99.148)

Have a look what the booklet for
CIELCh(79, 27.268, 99.148) contains.

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Color

CIELCh(79, 27.268, 99.148)

Conversions

Conversions Part 1

Format	Color
Hex	CEC491
RGB	206, 196, 145
RGB Percent	81%, 77%, 57%
CMY	0.1904, 0.2296, 0.4297
CMYK	0.00, 0.05, 0.30, 0.19
HSL	50°, 39%, 69%
HSV	50°, 30%, 81%
XYZ	50.5671, 54.9284, 34.8990
YIQ	193.1760, 22.3310, -13.7410

Conversions

Conversions Part 2

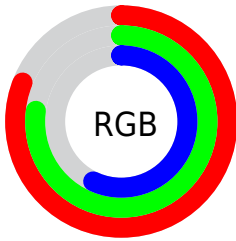
Format	Color
R _Y B	157, 206, 145
Decimal	13550737
CIE Lab	79.00, -4.34, 26.92
CIE LCh	79, 27.268, 99.148
Yxy	54.9284, 0.3602, 0.3912
Android (android.graphics.Color)	4291740817 (0xFFCEC491)
YUV	193.1760, -23.7508, 11.2466
Hunter-Lab	74.1137, -7.9100, 23.9608

Details

The CIELCh color **79, 27.268, 99.148** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **65, 28.460, 286.534**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 27.280, 106.506**, and **59, 27.107, 98.657** is the 20% darker color. If you saturate the color by 10%, you get **78, 36.418, 97.985**, and if you desaturate by 10%, it is **80, 18.034, 100.303**.

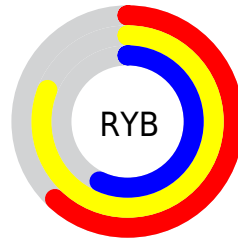
Distribution



Red (81%)

Green (77%)

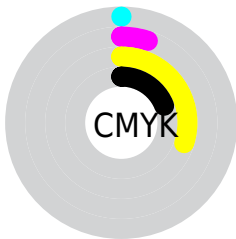
Blue (57%)



Red (62%)

Yellow (81%)

Blue (57%)

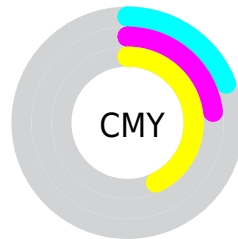


Cyan (0%)

Magenta (5%)

Yellow (30%)

Black (19%)



Cyan (19%)

Magenta (23%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 27.268, 99.148 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, 27.268, 99.148 by changing the saturation by 10% instead.

■ 79, 27.268, 99.148

■ 79, 27.268, 99.148

■ 100, 27.268,
99.148

■ 69, 27.268, 99.148

■ 99, 27.268, 99.148

■ 59, 27.268, 99.148

■ 49, 27.268, 99.148

■ 39, 27.268, 99.148

■ 29, 27.268, 99.148

■ 19, 27.268, 99.148

■ 9, 27.268, 99.148

■ 0, 27.268, 99.148

■ 79, 27.268, 99.148

■ 79, 27.268, 99.148

78, 36.418, 97.985

80, 18.034,
100.303

77, 45.344, 96.810

82, 8.791, 101.422

75, 53.814, 95.636

83, 0.414, 282.874

74, 61.459, 94.470

84, 9.555, 283.604

73, 67.733, 93.307

86, 18.620,
284.611

72, 71.989, 92.125

72, 74.049, 90.889

87, 20.227,
282.173

72, 74.127, 90.834

88, 18.645,
277.660

89, 17.198,
272.380

90, 15.921,
266.227

Harmonies

Complementary

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



79, 27.268, 99.148



65, 28.460, 286.534

Rectangle

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



79, 27.268, 99.148



79, 27.268, 149.148



79, 27.268, 279.148



79, 27.268, 329.148

Sweetspot

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



79, 27.269, 99.153



99, 9.821, 101.471



66, 24.811, 9.048



52, 6.828, 101.310



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, 27.269, 99.153



95, 38.292, 98.469



80, 32.977, 121.419



42, 5.165, 101.441



58, 63.043, 91.045



12, 18.236, 94.932

Inverse Universe

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



65, 28.460, 286.534



75, 40.400, 287.584



64, 34.891, 304.926



40, 5.237, 283.589



22, 87.348, 303.332



3, 20.869, 288.071

Previews

White Background



This preview shows how the CIELCh color 79, 27.268, 99.148 looks on a white background.

Color Contrast Check

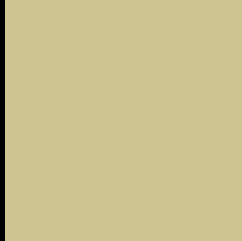
Large Text (above 18pt) WCAG AA × Fail

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, 27.268, 99.148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

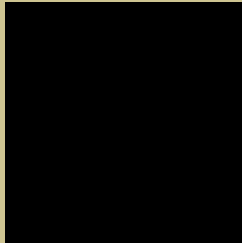
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

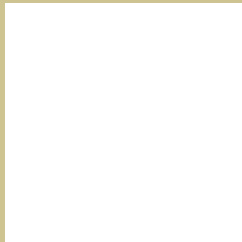
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 27.268, 99.148

Background



This preview shows how black text looks on a background with the CIELCh color 79, 27.268, 99.148.



This preview shows how white text looks on a background with the CIELCh color 79, 27.268, 99.148.

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, 27.268, 99.148

Protanopia

79, 27.174, 94.775

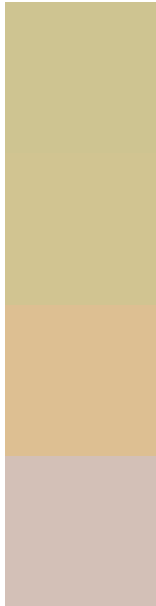
Deuteranopia

79, 28.072, 70.281



Tritanopia
79, 11.935, 338.289

Trichromacy



Original Color
79, 27.268, 99.148

Protanomaly
79, 27.484, 96.628

Deuteranomaly
79, 27.003, 80.942

Tritanomaly
79, 8.683, 53.190

Monochromacy



Original Color
79, 27.268, 99.148

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 10.216, 100.634

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 27.268, 99.148 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(206, 196, 145)` looks like.

```
.text, #text, p{  
    color:rgb(206, 196, 145)  
}
```

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(206, 196, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 196, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 27.268, 99.148 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(206, 196, 145) }
```

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

```
.border{ border-color:rgb(206, 196, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 196, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 196, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 196, 145);  
box-shadow:4px 4px 4px 4px rgb(206, 196,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 27.268, 99.148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 196, 145) }
```

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

```
.background{ background-color: rgb(206,  
196, 145) }
```

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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