

Converting Colors

CIELCh(79, 29.389, 95.757)

Have a look what the booklet for
CIELCh(79, 29.389, 95.757) contains.

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Color

CIELCh(79, 29.617, 96.369)

Conversions

Conversions Part 1

Format	Color
Hex	D2C48D
RGB	210, 196, 141
RGB Percent	82%, 77%, 55%
CMY	0.1776, 0.2324, 0.4481
CMYK	0.00, 0.07, 0.33, 0.18
HSL	48°, 43%, 69%
HSV	48°, 33%, 82%
XYZ	50.9612, 54.9284, 33.0118
YIQ	193.9160, 25.9990, -14.1370

Conversions

Conversions Part 2

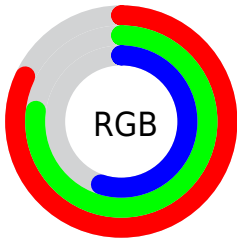
Format	Color
R _{YB}	159, 210, 141
Decimal	13812877
CIE Lab	79.00, -3.29, 29.43
CIE LCh	79, 29.617, 96.369
Yxy	54.9284, 0.3669, 0.3954
Android (android.graphics.Color)	4292002957 (0xFFD2C48D)
YUV	193.9160, -26.0876, 14.1057
Hunter-Lab	74.1137, -6.9609, 25.4706

Details

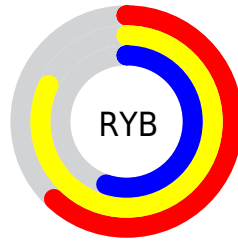
The CIELCh color **79, 29.617, 96.369** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **65, 30.779, 285.008**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 29.278, 106.452**, and **59, 29.576, 95.554** is the 20% darker color. If you saturate the color by 10%, you get **78, 38.582, 95.144**, and if you desaturate by 10%, it is **80, 20.578, 97.580**.

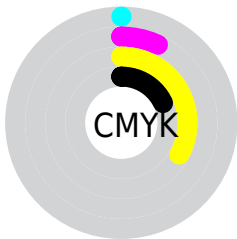
Distribution



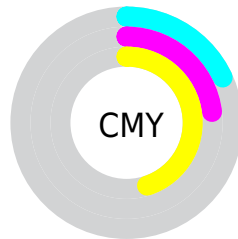
- Red (82%)
- Green (77%)
- Blue (55%)



- Red (62%)
- Yellow (82%)
- Blue (55%)



- Cyan (0%)
- Magenta (7%)
- Yellow (33%)
- Black (18%)



- Cyan (18%)
- Magenta (23%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 29.617, 96.369 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, 29.617, 96.369 by changing the saturation by 10% instead.

■ 79, 29.617, 96.369

■ 79, 29.617, 96.369

■ 100, 29.617,
96.369

■ 69, 29.617, 96.369

■ 99, 29.617, 96.369

■ 59, 29.617, 96.369

■ 49, 29.617, 96.369

■ 39, 29.617, 96.369

■ 29, 29.617, 96.369

■ 19, 29.617, 96.369

■ 9, 29.617, 96.369

■ 0, 29.617, 96.369

■ 79, 29.617, 96.369

■ 79, 29.617, 96.369

78, 38.582, 95.144

80, 20.578, 97.580

76, 47.315, 93.898

82, 11.546, 98.754

75, 55.558, 92.636

84, 2.571, 99.849

74, 62.886, 91.353

85, 6.324, 281.043

72, 68.686, 90.020

87, 15.127,
282.087

71, 72.271, 88.581

88, 17.936,
279.326

70, 73.590, 87.482

89, 16.093,
272.442

90, 14.536,
263.994

92, 13.357,
253.861

Harmonies

Complementary

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



79, 29.617, 96.369



65, 30.779, 285.008

Rectangle

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



79, 29.617, 96.369



79, 29.617, 146.369



79, 29.617, 276.369



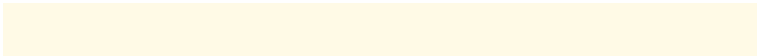
79, 29.617, 326.369

Sweetspot

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



79, 29.618, 96.374



98, 10.483, 99.072



66, 28.415, 5.773



52, 7.157, 98.910



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, 29.618, 96.374



93, 41.145, 95.571



81, 36.753, 119.216



43, 5.061, 99.152



58, 62.560, 87.753



13, 18.921, 91.377

Inverse Universe

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



65, 30.779, 285.008



73, 43.217, 286.283



63, 39.351, 303.526



41, 5.118, 281.380



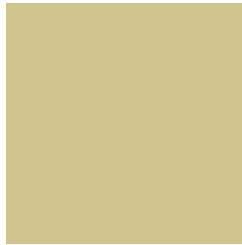
24, 84.965, 302.165



3, 22.007, 287.888

Previews

White Background



This preview shows how the CIELCh color 79, 29.617, 96.369 looks on a white background.

Color Contrast Check

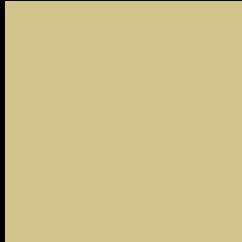
Large Text (above 18pt) WCAG AA × Fail

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, 29.617, 96.369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

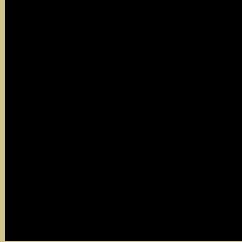
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 29.617, 96.369

Background



This preview shows how black text looks on a background with the CIELCh color 79, 29.617, 96.369.



This preview shows how white text looks on a background with the CIELCh color 79, 29.617, 96.369.

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, 29.617, 96.369

Protanopia

79, 29.313, 94.643

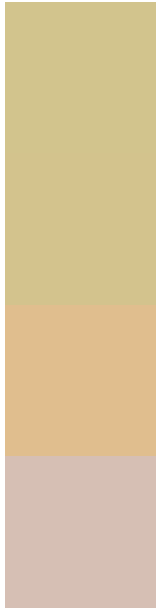
Deuteranopia

79, 30.662, 70.555



Tritanopia
79, 13.072, 345.716

Trichromacy



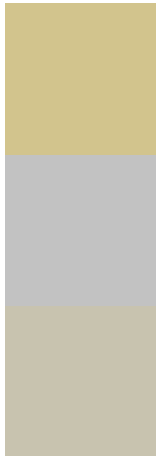
Original Color
79, 29.617, 96.369

Protanomaly
79, 29.313, 94.643

Deuteranomaly
79, 29.278, 79.221

Tritanomaly
79, 10.616, 53.264

Monochromacy



Original Color
79, 29.617, 96.369

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 10.802, 98.973

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 29.617, 96.369 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(210, 196, 141)` looks like.

```
.text, #text, p{  
    color:rgb(210, 196, 141)  
}
```

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(210, 196, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 196, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 29.617, 96.369 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(210, 196, 141) }
```

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

```
.border{ border-color:rgb(210, 196, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 196, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 196, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 196, 141);  
box-shadow:4px 4px 4px 4px rgb(210, 196,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 29.617, 96.369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 196, 141) }
```

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

```
.background{ background-color: rgb(210,  
196, 141) }
```

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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