

Converting Colors

CIELCh(80, 29.902, 107.472)

Have a look what the booklet for
CIELCh(80, 29.902, 107.472)
contains.

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Color

CIELCh(80, 29.927, 107.460)

Conversions

Conversions Part 1

Format	Color
Hex	CACA91
RGB	202, 202, 145
RGB Percent	79%, 79%, 57%
CMY	0.2088, 0.2088, 0.4323
CMYK	0.00, 0.00, 0.28, 0.21
HSL	60°, 35%, 68%
HSV	60°, 28%, 79%
XYZ	50.4422, 56.6813, 34.9734
YIQ	195.5020, 18.2970, -17.7270

Conversions

Conversions Part 2

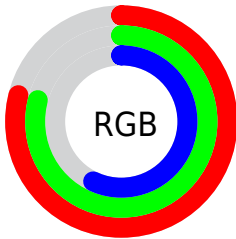
Format	Color
R _{YB}	145, 202, 145
Decimal	13290129
CIE Lab	80.00, -8.98, 28.55
CIE LCh	80, 29.927, 107.460
Yxy	56.6813, 0.3550, 0.3989
Android (android.graphics.Color)	4291480209 (0xFFCACA91)
YUV	195.5020, -24.8975, 5.6987
Hunter-Lab	75.2870, -12.1573, 25.1586

Details

The CIELCh color **80, 29.927, 107.460** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **62, 32.025, 293.594**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 28.233, 108.033**, and **60, 29.860, 107.587** is the 20% darker color. If you saturate the color by 10%, you get **80, 40.185, 106.519**, and if you desaturate by 10%, it is **80, 19.431, 108.427**.

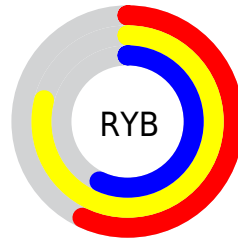
Distribution



Red (79%)

Green (79%)

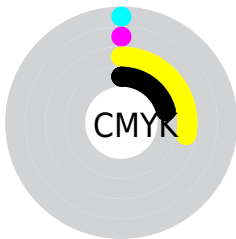
Blue (57%)



Red (57%)

Yellow (79%)

Blue (57%)

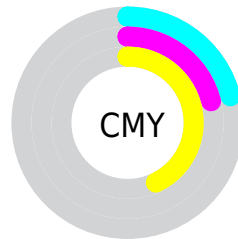


Cyan (0%)

Magenta (0%)

Yellow (28%)

Black (21%)



Cyan (21%)


Magenta (21%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 29.927, 107.460 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 80, 29.927, 107.460 by changing the saturation by 10% instead.


 80, 29.927,
107.460


 80, 29.927,
107.460


 100, 29.927,
107.460


 70, 29.927,
107.460

 60, 29.927,
107.460

 50, 29.927,
107.460

 40, 29.927,
107.460

 30, 29.927,
107.460

 20, 29.927,
107.460

 10, 29.927,

107.460

■ 0, 29.927, 107.460

■ 80, 29.927,
107.460

■ 80, 29.927,
107.460

■ 80, 40.185,
106.519

■ 80, 19.431,
108.427

■ 79, 50.028,
105.617

■ 81, 8.803, 109.389

■ 79, 59.197,
104.786

■ 81, 1.884, 290.384

■ 79, 67.315,
104.063

■ 82, 12.584,
291.285

■ 79, 73.897,
103.487

■ 83, 23.264,
292.183

■ 83, 28.206,
292.588

■ 79, 78.463,
103.096

■ 83, 28.206,
292.590

■ 79, 80.893,
102.890

■ 83, 28.206,
292.592

■ 79, 81.235,
102.862

■ 83, 28.206,
292.594

Harmonies

Complementary

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



80, 29.927, 107.460



62, 32.025, 293.594

Rectangle

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



80, 29.927, 107.460



80, 29.927, 157.460



80, 29.927, 287.460



80, 29.927, 337.460

Sweetspot

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



80, 29.929, 107.464



100, 10.326, 109.402



66, 23.200, 21.689



53, 7.338, 109.257



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 29.929, 107.464



98, 43.359, 106.873



78, 32.116, 127.764



43, 6.108, 109.279



66, 70.197, 102.861



15, 21.914, 105.390

Inverse Universe

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



62, 32.025, 293.594



72, 47.240, 294.578



64, 33.399, 310.429



39, 6.244, 291.154



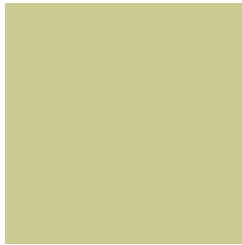
19, 96.929, 306.288



1, 23.534, 292.450

Previews

White Background



This preview shows how the CIELCh color 80, 29.927, 107.460 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 80, 29.927, 107.460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

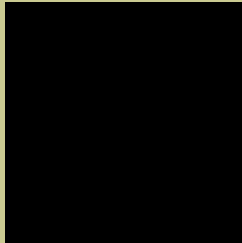
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

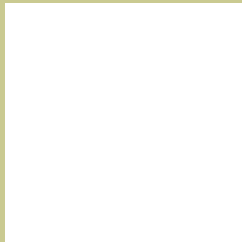
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 29.927, 107.460

Background



This preview shows how black text looks on a background with the CIELCh color 80, 29.927, 107.460.



This preview shows how white text looks on a background with the CIELCh color 80, 29.927, 107.460.

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](#).

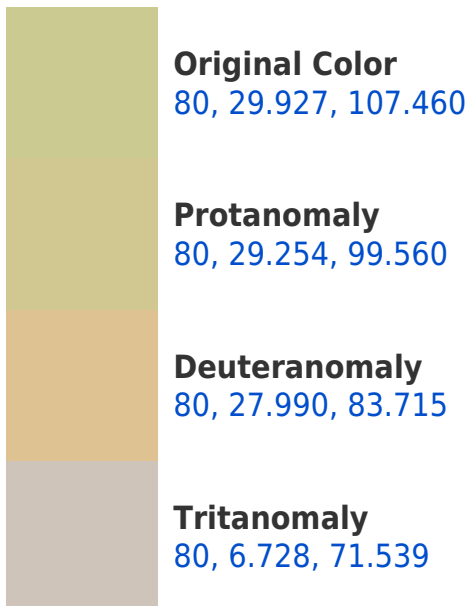
Dichromacy





Tritanopia
80, 10.574, 326.487

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 29.927, 107.460 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(202, 202, 145)` looks like.

```
.text, #text, p{  
    color:rgb(202, 202, 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(202, 202, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 202, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 29.927, 107.460 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(202, 202, 145) }
```

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

```
.border{ border-color:rgb(202, 202, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 202, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 202, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 202, 145); box-shadow:4px 4px 4px 4px rgb(202, 202, 145) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 29.927, 107.460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 202, 145) }
```

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

```
.background{ background-color: rgb(202,  
202, 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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