

Converting Colors

CIELCh(82, 30.299, 107.207)

Have a look what the booklet for
CIELCh(82, 30.299, 107.207)
contains.

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Color

CIELCh(82, 30.317, 106.718)

Conversions

Conversions Part 1

Format	Color
Hex	D0CF95
RGB	208, 207, 149
RGB Percent	82%, 81%, 58%
CMY	0.1838, 0.1877, 0.4152
CMYK	0.00, 0.00, 0.28, 0.18
HSL	59°, 39%, 70%
HSV	59°, 28%, 82%
XYZ	53.8347, 60.2982, 37.2908
YIQ	200.6870, 19.2140, -17.8260

Conversions

Conversions Part 2

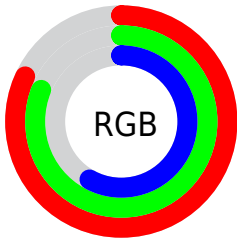
Format	Color
R_{YB}	150, 208, 149
Decimal	13684629
CIE _{Lab}	82.00, -8.72, 29.04
CIE _{LCh}	82, 30.317, 106.718
Yxy	60.2982, 0.3555, 0.3982
Android (android.graphics.Color)	4291874709 (0xFFD0CF95)
YUV	200.6870, -25.4817, 6.4135
Hunter-Lab	77.6519, -12.1400, 25.8835

Details

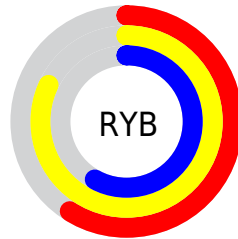
The CIELCh color $82, 30.317, 106.718$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $64, 32.383, 292.972$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 25.735, 108.225$, and $62, 30.236, 106.795$ is the 20% darker color. If you saturate the color by 10%, you get $82, 40.691, 105.754$, and if you desaturate by 10%, it is $82, 19.714, 107.705$.

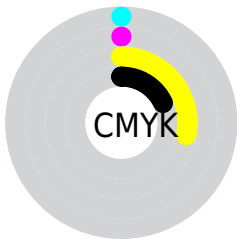
Distribution



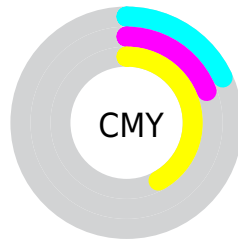
- Red (82%)
- Green (81%)
- Blue (58%)



- Red (59%)
- Yellow (82%)
- Blue (58%)



- Cyan (0%)
- Magenta (0%)
- Yellow (28%)
- Black (18%)





- Cyan (18%)
- Magenta (19%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 30.317, 106.718 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 82, 30.317, 106.718 by changing the saturation by 10% instead.


 82, 30.317,
106.718


 82, 30.317,
106.718


 100, 30.317,
106.718


 72, 30.317,
106.718

 62, 30.317,
106.718

 52, 30.317,
106.718

 42, 30.317,
106.718

 32, 30.317,
106.718

 22, 30.317,
106.718

 12, 30.317,

106.718

■ 2, 30.317, 106.718

■ 0, 30.317, 106.718

■ 82, 30.317,
106.718

■ 82, 30.317,
106.718

■ 82, 40.691,
105.754

■ 82, 19.714,
107.705

■ 81, 50.657,
104.824

■ 83, 8.988, 108.683

■ 81, 59.950,
103.959

■ 84, 1.790, 289.700

■ 84, 12.573,
290.608

■ 81, 68.181,
103.194

■ 85, 23.331,
291.517

■ 80, 74.846,

102.565

85, 24.080,
291.321

80, 79.431,
102.106

85, 23.888,
291.019

80, 81.799,
101.816

85, 23.697,
290.712

80, 82.107,
101.775

85, 23.506,
290.401

Harmonies

Complementary

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



82, 30.317, 106.718



64, 32.383, 292.972

Rectangle

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



82, 30.317, 106.718



82, 30.317, 156.718



82, 30.317, 286.718



82, 30.317, 336.718

Sweetspot

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



82, 30.319, 106.722



99, 11.422, 108.610



67, 23.790, 19.154



53, 7.936, 108.466



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 30.319, 106.722



98, 42.690, 106.133



80, 32.787, 126.553



44, 6.130, 108.580



66, 70.112, 101.791



15, 23.077, 104.012

Inverse Universe

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



64, 32.383, 292.972



72, 46.382, 293.941



66, 34.209, 309.327



40, 6.262, 290.485



20, 97.216, 306.059



2, 25.252, 292.829

Previews

White Background



This preview shows how the CIELCh color 82, 30.317, 106.718 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 CIE LCh color 82, 30.317, 106.718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

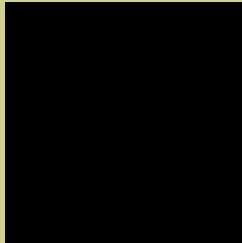
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

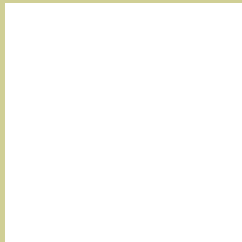
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 30.317, 106.718

Background



This preview shows how black text looks on a background with the CIELCh color 82, 30.317, 106.718.

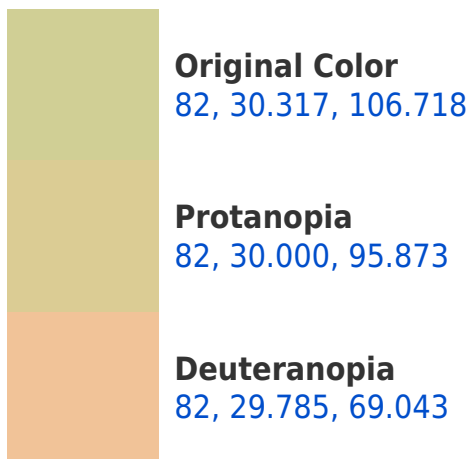


This preview shows how white text looks on a background with the CIELCh color 82, 30.317, 106.718.

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](#).

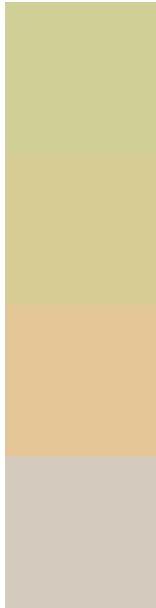
Dichromacy





Tritanopia
82, 10.096, 328.242

Trichromacy



Original Color
82, 30.317, 106.718

Protanomaly
82, 30.126, 99.810

Deuteranomaly
82, 28.213, 82.304

Tritanomaly
82, 7.558, 76.350

Monochromacy



Original Color
82, 30.317, 106.718

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 11.097, 107.224

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 30.317, 106.718 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, 207, 149)` looks like.

```
.text, #text, p{  
    color:rgb(208, 207, 149)  
}
```

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, 207, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 207, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 30.317, 106.718 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, 207, 149) }
```

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

```
.border{ border-color:rgb(208, 207, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 207, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 207, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 207, 149);  
box-shadow:4px 4px 4px 4px rgb(208, 207,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 30.317, 106.718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 207, 149) }
```

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

```
.background{ background-color: rgb(208,  
207, 149) }
```

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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