

Converting Colors

CIELCh(82, 30.329, 108.615)

Have a look what the booklet for
CIELCh(82, 30.329, 108.615)
contains.

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Color

CIELCh(82, 30.305, 108.994)

Conversions

Conversions Part 1

Format	Color
Hex	CED096
RGB	206, 208, 150
RGB Percent	81%, 82%, 59%
CMY	0.1930, 0.1851, 0.4125
CMYK	0.01, 0.00, 0.28, 0.19
HSL	62°, 38%, 70%
HSV	62°, 28%, 81%
XYZ	53.3900, 60.2982, 37.5959
YIQ	200.7900, 17.4260, -18.4620

Conversions

Conversions Part 2

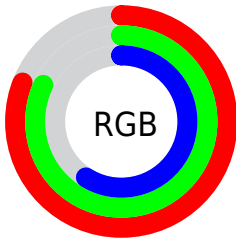
Format	Color
RYB	150, 208, 152
Decimal	13553814
CIELab	82.00, -9.86, 28.65
CIELCh	82, 30.305, 108.994
Yxy	60.2982, 0.3529, 0.3986
Android (android.graphics.Color)	4291743894 (0xFFCED096)
YUV	200.7900, -25.0395, 4.5692
Hunter-Lab	77.6519, -13.1623, 25.6505

Details

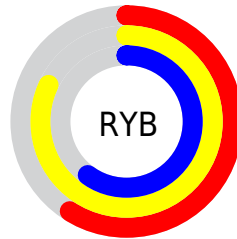
The CIELCh color $82, 30.305, 108.994$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $64, 32.402, 294.697$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 25.235, 108.263$, and $62, 30.238, 109.254$ is the 20% darker color. If you saturate the color by 10%, you get $82, 40.823, 108.103$, and if you desaturate by 10%, it is $82, 19.545, 109.911$.

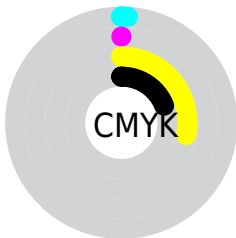
Distribution



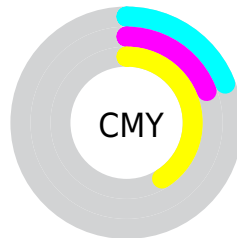
- Red (81%)
- Green (82%)
- Blue (59%)



- Red (59%)
- Yellow (82%)
- Blue (60%)



- Cyan (1%)
- Magenta (0%)
- Yellow (28%)
- Black (19%)





- Cyan (19%)
- Magenta (19%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 30.305, 108.994 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, 30.305, 108.994 by changing the saturation by 10% instead.


 82, 30.305,
108.994


 82, 30.305,
108.994


 100, 30.305,
108.994


 72, 30.305,
108.994

 62, 30.305,
108.994

 52, 30.305,
108.994

 42, 30.305,
108.994

 32, 30.305,
108.994

 22, 30.305,
108.994

 12, 30.305,

108.994

■ 2, 30.305, 108.994

■ 0, 30.305, 108.994

■ 82, 30.305,
108.994

■ 82, 30.305,
108.994

■ 82, 40.823,
108.103

■ 82, 19.545,
109.911

■ 81, 50.922,
107.251

■ 83, 8.651, 110.822

■ 81, 60.337,
106.476

■ 84, 2.304, 291.750

■ 84, 13.269,
292.607

■ 81, 68.688,
105.819

■ 85, 24.213,
293.449

■ 81, 75.481,

105.329

85, 24.903,
294.011

80, 80.216,
105.054

85, 24.915,
294.556

80, 82.729,
105.007

85, 24.928,
295.102

80, 83.135,
105.010

85, 24.944,
295.648

Harmonies

Complementary

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



82, 30.305, 108.994



64, 32.402, 294.697

Rectangle

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



82, 30.305, 108.994



82, 30.305, 158.994



82, 30.305, 288.994



82, 30.305, 338.994

Sweetspot

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



82, 30.307, 108.998



99, 10.332, 110.805



68, 22.736, 24.174



53, 7.342, 110.667



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, 30.307, 108.998



98, 42.139, 108.503



80, 32.783, 128.953



44, 6.237, 110.686



66, 71.063, 104.978



16, 23.499, 106.903

Inverse Universe

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



64, 32.402, 294.697



73, 45.765, 295.497



67, 33.975, 311.520



40, 6.376, 292.455



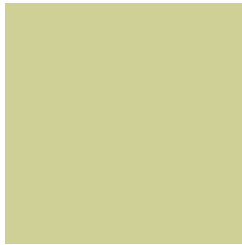
20, 97.844, 306.401



2, 25.580, 294.095

Previews

White Background



This preview shows how the CIELCh color 82, 30.305, 108.994 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, 30.305, 108.994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

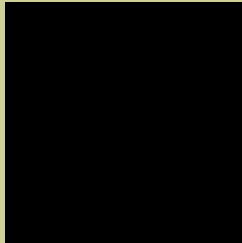
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

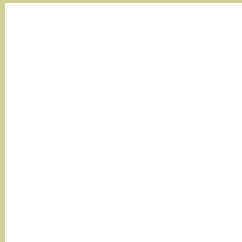
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 30.305, 108.994

Background



This preview shows how black text looks on a background with the CIELCh color 82, 30.305, 108.994.



This preview shows how white text looks on a background with the CIELCh color 82, 30.305, 108.994.

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

82, 30.305, 108.994

Protanopia

82, 30.000, 95.873

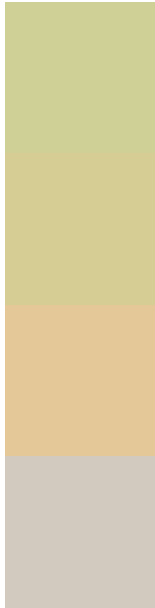
Deuteranopia

82, 29.513, 69.646



Tritanopia
82, 10.111, 323.109

Trichromacy



Original Color
82, 30.305, 108.994

Protanomaly
82, 29.560, 100.511

Deuteranomaly
82, 28.306, 84.185

Tritanomaly
82, 6.706, 79.393

Monochromacy



Original Color
82, 30.305, 108.994

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 11.094, 109.182

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 30.305, 108.994 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, 208, 150)` looks like.

```
.text, #text, p{  
    color:rgb(206, 208, 150)  
}
```

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, 208, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 208, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 30.305, 108.994 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, 208, 150) }
```

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

```
.border{ border-color:rgb(206, 208, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 208, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 208, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 208, 150);  
box-shadow:4px 4px 4px 4px rgb(206, 208,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 30.305, 108.994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 208, 150) }
```

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

```
.background{ background-color: rgb(206,  
208, 150) }
```

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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