

Converting Colors

CIELCh(84, 31.396, 114.687)

Have a look what the booklet for
CIELCh(84, 31.396, 114.687)
contains.

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Color

CIELCh(84, 31.421, 114.678)

Conversions

Conversions Part 1

Format	Color
Hex	CDD79B
RGB	205, 215, 155
RGB Percent	80%, 84%, 61%
CMY	0.1954, 0.1562, 0.3915
CMYK	0.05, 0.00, 0.28, 0.16
HSL	70°, 43%, 73%
HSV	70°, 28%, 84%
XYZ	55.5002, 64.0658, 40.5241
YIQ	205.1700, 13.3000, -20.7800

Conversions

Conversions Part 2

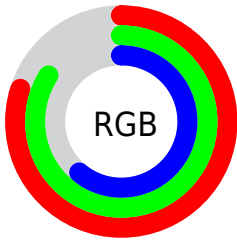
Format	Color
RYB	155, 215, 165
Decimal	13490075
CIELab	84.00, -13.12, 28.55
CIELCh	84, 31.421, 114.678
Yxy	64.0658, 0.3467, 0.4002
Android (android.graphics.Color)	4291680155 (0xFFCDD79B)
YUV	205.1700, -24.7338, -0.1491
Hunter-Lab	80.0411, -16.3007, 26.0108

Details

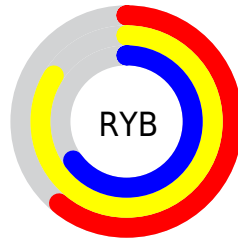
The CIELCh color **84, 31.421, 114.678** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **67, 33.481, 299.147**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 22.729, 108.455**, and **64, 31.402, 114.554** is the 20% darker color. If you saturate the color by 10%, you get **83, 42.347, 113.968**, and if you desaturate by 10%, it is **85, 20.251, 115.413**.

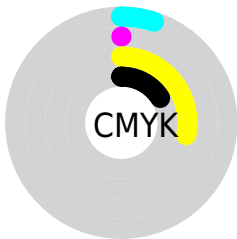
Distribution



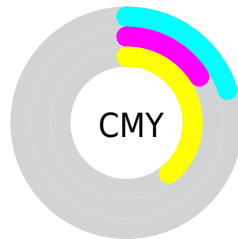
- Red (80%)
- Green (84%)
- Blue (61%)



- Red (61%)
- Yellow (84%)
- Blue (65%)



- Cyan (5%)
- Magenta (0%)
- Yellow (28%)
- Black (16%)





- Cyan (20%)
- Magenta (16%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 31.421, 114.678 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 84, 31.421, 114.678 by changing the saturation by 10% instead.


 84, 31.421,
114.678

 84, 31.421,
114.678


 100, 31.421,
114.678


 74, 31.421,
114.678

 64, 31.421,
114.678

 54, 31.421,
114.678

 44, 31.421,
114.678

 34, 31.421,
114.678

 24, 31.421,
114.678

 14, 31.421,

114.678

■ 4, 31.421, 114.678

■ 0, 31.421, 114.678

■ 84, 31.421,
114.678

■ 84, 31.421,
114.678

■ 83, 42.347,
113.968

■ 85, 20.251,
115.413

■ 83, 52.848,
113.305

■ 85, 8.948, 116.143

■ 82, 62.658,
112.737

■ 86, 2.409, 296.856

■ 82, 71.392,
112.326

■ 87, 13.766,
297.542

■ 82, 78.549,

■ 88, 21.065,
299.143

112.154

88, 21.261,
302.393

81, 83.617,
112.303

88, 21.522,
305.598

81, 86.416,
112.816

89, 21.847,
308.740

81, 86.878,
112.943

89, 22.235,
311.803

Harmonies

Complementary

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



84, 31.421, 114.678



67, 33.481, 299.147

Rectangle

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



84, 31.421, 114.678



84, 31.421, 164.678



84, 31.421, 294.678



84, 31.421, 344.678

Sweetspot

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



84, 31.423, 114.681



99, 10.413, 116.129



72, 20.977, 35.880



53, 7.400, 116.019



0, 0.000, 0.000



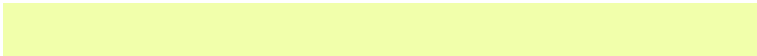
53, 0.007, 296.813

Same Dimension

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



84, 31.423, 114.681



97, 42.507, 114.290



82, 34.980, 133.377



45, 6.412, 116.032



66, 73.113, 112.794



16, 25.351, 113.830

Inverse Universe

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



67, 33.481, 299.147



74, 45.952, 299.744



69, 35.820, 315.864



41, 6.549, 297.422



21, 97.959, 307.034



2, 27.787, 298.187

Previews

White Background



This preview shows how the CIELCh color 84, 31.421, 114.678 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 84, 31.421, 114.678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

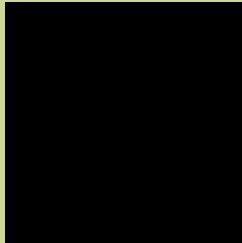
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

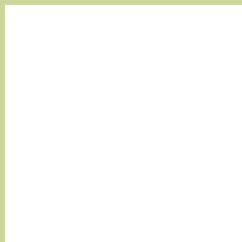
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 31.421, 114.678

Background



This preview shows how black text looks on a background with the CIELCh color 84, 31.421, 114.678.

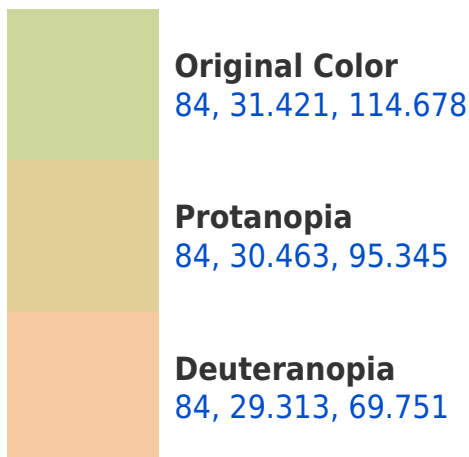



This preview shows how white text looks on a background with the CIELCh color 84, 31.421, 114.678.

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](#).

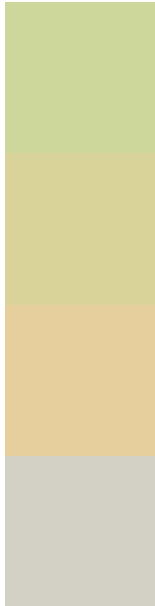
Dichromacy





Tritanopia
84, 9.456, 308.371

Trichromacy



Original Color
84, 31.421, 114.678

Protanomaly
84, 30.344, 102.232

Deuteranomaly
84, 27.652, 86.597

Tritanomaly
84, 5.819, 102.351

Monochromacy



Original Color
84, 31.421, 114.678

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 11.674, 116.558

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 31.421, 114.678 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(205, 215, 155)` looks like.

```
.text, #text, p{  
    color:rgb(205, 215, 155)  
}
```

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(205, 215, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 215, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 31.421, 114.678 is called "border". The border property can be set on classes, ids or directly on the HTML element.

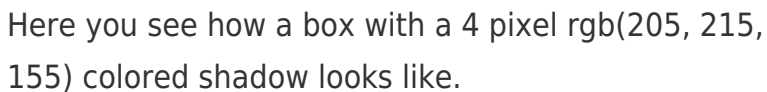
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 215, 155) }
```

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

```
.border{ border-color:rgb(205, 215, 155) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 215, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 215, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 215, 155);  
box-shadow:4px 4px 4px 4px rgb(205, 215,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 31.421, 114.678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 215, 155) }
```

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

```
.background{ background-color: rgb(205,  
215, 155) }
```

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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