

Converting Colors

CIELCh(84, 28.239, 129.027)

Have a look what the booklet for
CIELCh(84, 28.239, 129.027)
contains.

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Color

CIELCh(84, 28.086, 129.423)

Conversions

Conversions Part 1

Format	Color
Hex	BFDA A8
RGB	191, 218, 168
RGB Percent	75%, 85%, 66%
CMY	0.2509, 0.1450, 0.3411
CMYK	0.12, 0.00, 0.23, 0.14
HSL	92°, 40%, 76%
HSV	92°, 23%, 86%
XYZ	53.6420, 64.0658, 46.5978
YIQ	204.2270, -0.0420, -21.2740

Conversions

Conversions Part 2

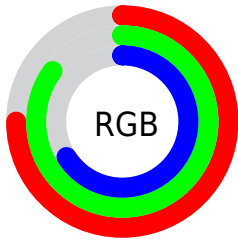
Format	Color
R _{YB}	168, 218, 195
Decimal	12573352
CIE Lab	84.00, -17.84, 21.70
CIE LCh	84, 28.086, 129.423
Yxy	64.0658, 0.3265, 0.3899
Android (android.graphics.Color)	4290763432 (0xFFBFDAA8)
YUV	204.2270, -17.8599, -11.6001
Hunter-Lab	80.0411, -20.4445, 21.5117

Details

The CIELCh color $84, 28.086, 129.423$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $73, 28.903, 311.498$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 16.417, 117.884$, and $64, 27.938, 129.619$ is the 20% darker color. If you saturate the color by 10%, you get $83, 40.226, 128.937$, and if you desaturate by 10%, it is $85, 15.834, 129.900$.

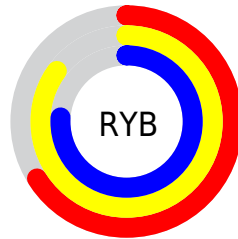
Distribution



Red (75%)

Green (85%)

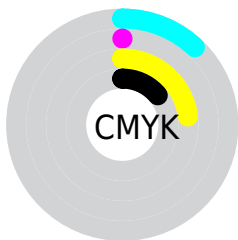
Blue (66%)



Red (66%)

Yellow (85%)

Blue (76%)

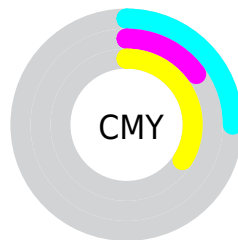


Cyan (12%)

Magenta (0%)

Yellow (23%)

Black (14%)



Cyan (25%)

Magenta (15%)

Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 28.086, 129.423 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, 28.086, 129.423 by changing the saturation by 10% instead.


 84, 28.086,
129.423

 84, 28.086,
129.423


 100, 28.086,
129.423

 74, 28.086,
129.423

 64, 28.086,
129.423

 54, 28.086,
129.423

 44, 28.086,
129.423

 34, 28.086,
129.423

 24, 28.086,
129.423

 14, 28.086,

129.423

■ 4, 28.086, 129.423

■ 0, 28.086, 129.423

■ 84, 28.086,
129.423

■ 84, 28.086,
129.423

■ 83, 40.226,
128.937

■ 85, 15.834,
129.900

■ 82, 52.089,
128.461

■ 87, 3.576, 130.372

■ 81, 63.446,
128.040

■ 88, 8.608, 310.722

■ 80, 73.970,
127.745

■ 90, 20.543,
311.214

■ 79, 83.214,

■ 91, 22.229,
321.308

127.678

91, 23.149,
325.230

79, 90.649,
127.967

78, 95.839,
128.727

78, 98.340,
129.482

Harmonies

Complementary

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



84, 28.086, 129.423



73, 28.903, 311.498

Rectangle

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



84, 28.086, 129.423



84, 28.086, 179.423



84, 28.086, 309.423



84, 28.086, 359.423

Sweetspot

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



84, 28.088, 129.425



99, 9.714, 130.170



80, 16.921, 76.010



53, 6.313, 130.142



0, 0.000, 0.000



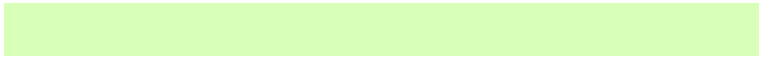
53, 0.007, 296.813

Same Dimension

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



84, 28.088, 129.425



96, 38.899, 129.166



83, 31.565, 143.819



45, 6.976, 130.061



63, 82.678, 129.232



16, 29.677, 129.788

Inverse Universe

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



73, 28.903, 311.498



80, 40.311, 311.763



75, 31.587, 326.611



43, 7.064, 310.852



28, 92.607, 312.899



4, 31.552, 311.016

Previews

White Background



This preview shows how the CIELCh color 84, 28.086, 129.423 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 84, 28.086, 129.423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

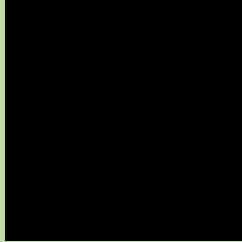
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

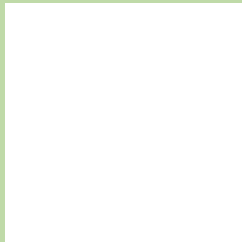
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 28.086, 129.423

Background



This preview shows how black text looks on a background with the CIELCh color 84, 28.086, 129.423.

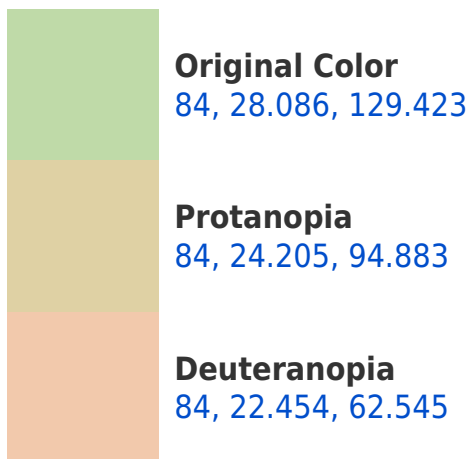


This preview shows how white text looks on a background with the CIELCh color 84, 28.086, 129.423.

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](#).

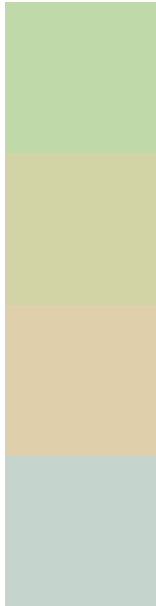
Dichromacy





Tritanopia
84, 9.540, 269.694

Trichromacy



Original Color
84, 28.086, 129.423

Protanomaly
84, 24.542, 108.947

Deuteranomaly
84, 19.924, 90.178

Tritanomaly
84, 6.882, 166.576

Monochromacy



Original Color
84, 28.086, 129.423

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 10.214, 130.633

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 28.086, 129.423 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(191, 218, 168)` looks like.

```
.text, #text, p{  
    color:rgb(191, 218, 168)  
}
```

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(191, 218, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 218, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 28.086, 129.423 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(191, 218, 168) }
```

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

```
.border{ border-color:rgb(191, 218, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 218, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 218, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 218, 168);  
box-shadow:4px 4px 4px 4px rgb(191, 218,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 28.086, 129.423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 218, 168) }
```

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

```
.background{ background-color: rgb(191,  
218, 168) }
```

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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