

Converting Colors

CIELCh(85, 16.571, 127.265)

Have a look what the booklet for
CIELCh(85, 16.571, 127.265)
contains.

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Color

CIELCh(85, 16.571, 127.265)

Conversions

Conversions Part 1

Format	Color
Hex	CBD9BB
RGB	203, 217, 187
RGB Percent	80%, 85%, 73%
CMY	0.2034, 0.1485, 0.2661
CMYK	0.06, 0.00, 0.14, 0.15
HSL	88°, 28%, 79%
HSV	88°, 14%, 85%
XYZ	58.4990, 66.0070, 56.7470
YIQ	209.3940, 1.2860, -12.2980

Conversions

Conversions Part 2

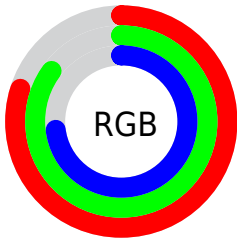
Format	Color
R _{YB}	187, 217, 201
Decimal	13359547
CIE Lab	85.00, -10.03, 13.19
CIE LCh	85, 16.571, 127.265
Yxy	66.0070, 0.3227, 0.3642
Android (android.graphics.Color)	4291549627 (0xFFCBD9BB)
YUV	209.3940, -11.0402, -5.6075
Hunter-Lab	81.2447, -13.6521, 15.4590

Details

The CIELCh color **85, 16.571, 127.265** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **78, 16.914, 308.547**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 6.073, 109.711**, and **65, 16.323, 127.028** is the 20% darker color. If you saturate the color by 10%, you get **84, 28.547, 126.777**, and if you desaturate by 10%, it is **86, 4.567, 127.752**.

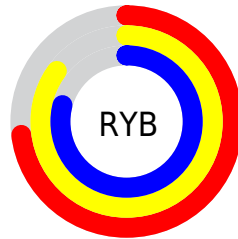
Distribution



Red (80%)

Green (85%)

Blue (73%)



Red (73%)

Yellow (85%)

Blue (79%)

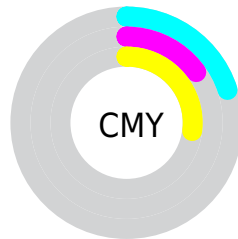


Cyan (6%)

Magenta (0%)

Yellow (14%)

Black (15%)



Cyan (20%)


Magenta (15%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 16.571, 127.265 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 85, 16.571, 127.265 by changing the saturation by 10% instead.


 85, 16.571,
127.265


 85, 16.571,
127.265


 100, 16.571,
127.265


 75, 16.571,
127.265

 65, 16.571,
127.265

 55, 16.571,
127.265

 45, 16.571,
127.265

 35, 16.571,
127.265

 25, 16.571,
127.265

 15, 16.571,

127.265

■ 5, 16.571, 127.265

■ 0, 16.571, 127.265

■ 85, 16.571,
127.265

■ 85, 16.571,
127.265

■ 84, 28.547,
126.777

■ 86, 4.567, 127.752

■ 83, 40.380,
126.283

■ 88, 7.395, 308.148

■ 82, 51.915,
125.814

■ 89, 19.259,
308.559

■ 81, 62.921,
125.415

■ 90, 21.815,
316.387

■ 80, 73.069,

■ 91, 23.486,
324.383

125.161

91, 23.709,
325.250

79, 81.908,
125.154

79, 88.916,
125.523

78, 93.688,
126.374

78, 95.740,
127.077

Harmonies

Complementary

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



85, 16.571, 127.265



78, 16.914, 308.547

Rectangle

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



85, 16.571, 127.265



85, 16.571, 177.265



85, 16.571, 307.265



85, 16.571, 357.265

Sweetspot

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



85, 16.573, 127.268



99, 5.450, 127.741



82, 9.571, 70.060



53, 3.875, 127.703



0, 0.000, 0.000



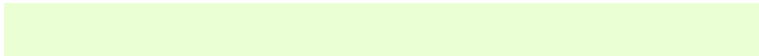
53, 0.007, 296.813

Same Dimension

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



85, 16.573, 127.268



98, 23.229, 127.106



84, 19.132, 142.758



46, 6.859, 127.479



64, 80.760, 126.824



16, 28.994, 127.199

Inverse Universe

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



78, 16.914, 308.547



88, 23.820, 308.720



79, 19.168, 324.264



43, 6.960, 308.326



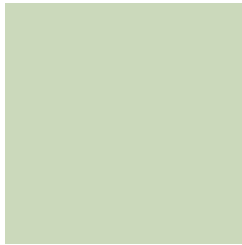
26, 94.071, 311.219



3, 31.001, 308.083

Previews

White Background



This preview shows how the CIELCh color 85, 16.571, 127.265 looks on a white background.

Color Contrast Check

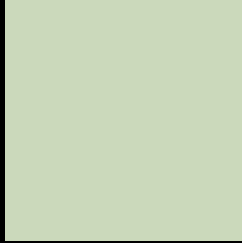
Large Text (above 18pt) WCAG AA × Fail

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 85, 16.571, 127.265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

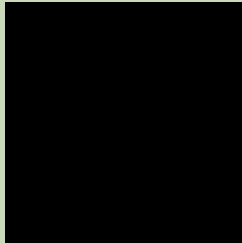
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

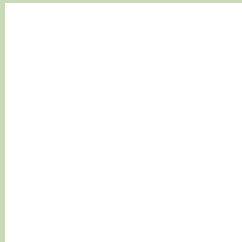
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 16.571, 127.265

Background



This preview shows how black text looks on a background with the CIELCh color 85, 16.571, 127.265.



This preview shows how white text looks on a background with the CIELCh color 85, 16.571, 127.265.

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
85, 16.571, 127.265

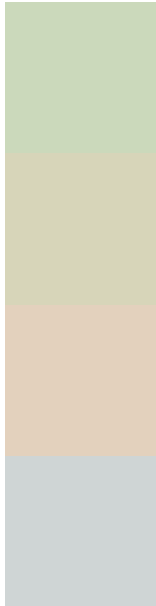
Protanopia
85, 14.749, 92.355

Deuteranopia
85, 16.064, 47.313



Tritanopia
85, 8.967, 286.483

Trichromacy



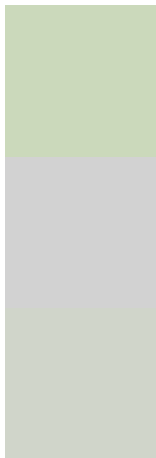
Original Color
85, 16.571, 127.265

Protanomaly
85, 14.664, 105.939

Deuteranomaly
85, 12.539, 76.080

Tritanomaly
85, 2.151, 199.518

Monochromacy



Original Color
85, 16.571, 127.265

Achromatopsia
84, 0.010, 296.813

Achromatomaly
85, 6.069, 127.248

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 16.571, 127.265 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(203, 217, 187)` looks like.

```
.text, #text, p{  
    color:rgb(203, 217, 187)  
}
```

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(203, 217, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 217, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 16.571, 127.265 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(203, 217, 187) }
```

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

```
.border{ border-color:rgb(203, 217, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 217, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 217, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 217, 187);  
box-shadow:4px 4px 4px 4px rgb(203, 217,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 16.571, 127.265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 217, 187) }
```

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

```
.background{ background-color: rgb(203,  
217, 187) }
```

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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