

Converting Colors

CIELCh(85, 47.536, 110.054)

Have a look what the booklet for
CIELCh(85, 47.536, 110.054)
contains.

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Color

CIELCh(85, 47.566, 110.040)

Conversions

Conversions Part 1

Format	Color
Hex	D3DB7E
RGB	211, 219, 126
RGB Percent	83%, 86%, 49%
CMY	0.1726, 0.1412, 0.5059
CMYK	0.04, 0.00, 0.42, 0.14
HSL	65°, 56%, 68%
HSV	65°, 42%, 86%
XYZ	55.9514, 66.0070, 29.5254
YIQ	206.0060, 25.0850, -30.6190

Conversions

Conversions Part 2

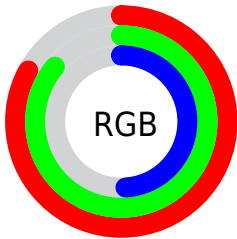
Format	Color
R_{YB}	126, 219, 134
Decimal	13884286
CIE _{Lab}	85.00, -16.30, 44.69
CIE _{LCh}	85, 47.566, 110.040
Yxy	66.0070, 0.3694, 0.4357
Android (android.graphics.Color)	4292074366 (0xFFD3DB7E)
YUV	206.0060, -39.4430, 4.3797
Hunter-Lab	81.2447, -19.2494, 35.3246

Details

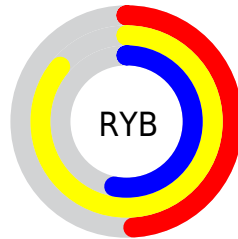
The CIELCh color **85, 47.566, 110.040** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **57, 53.098, 298.472**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 37.646, 107.307**, and **65, 47.728, 109.863** is the 20% darker color. If you saturate the color by 10%, you get **85, 57.838, 109.301**, and if you desaturate by 10%, it is **85, 36.745, 110.847**.

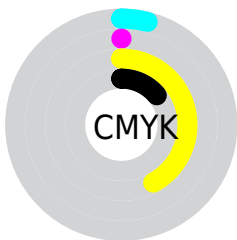
Distribution



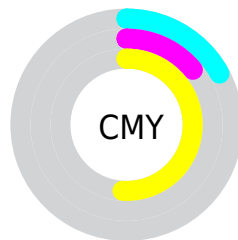
- Red (83%)
- Green (86%)
- Blue (49%)



- Red (49%)
- Yellow (86%)
- Blue (53%)



- Cyan (4%)
- Magenta (0%)
- Yellow (42%)
- Black (14%)





- Cyan (17%)
- Magenta (14%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 47.566, 110.040 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, 47.566, 110.040 by changing the saturation by 10% instead.


 85, 47.566,
110.040


 85, 47.566,
110.040


 100, 47.566,
110.040


 75, 47.566,
110.040

 65, 47.566,
110.040

 55, 47.566,
110.040

 45, 47.566,
110.040

 35, 47.566,
110.040

 25, 47.566,
110.040

 15, 47.566,

110.040

■ 5, 47.566, 110.040

■ 0, 47.566, 110.040

■ 85, 47.566,
110.040

■ 85, 47.566,
110.040

■ 85, 57.838,
109.301

■ 85, 36.745,
110.847

■ 84, 67.228,
108.666

■ 86, 25.592,
111.683

■ 84, 75.278,
108.194

■ 87, 14.252,
112.525

■ 84, 81.447,
107.951

■ 87, 2.819, 113.348

■ 84, 85.293,

■ 88, 8.646, 294.176

107.992

■ 89, 18.859,
295.082

■ 83, 86.861,
108.186

■ 89, 18.915,
297.004

■ 89, 18.991,
298.919

■ 89, 19.087,
300.826

Harmonies

Complementary

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



85, 47.566, 110.040



57, 53.098, 298.472

Rectangle

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



85, 47.566, 110.040



85, 47.566, 160.040



85, 47.566, 290.040



85, 47.566, 340.040

Sweetspot

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



85, 47.567, 110.043



99, 16.810, 112.471



65, 36.602, 29.654



53, 11.756, 112.284



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, 47.567, 110.043



97, 63.735, 109.373



82, 52.361, 129.945



46, 6.500, 112.778



68, 72.964, 108.104



18, 26.574, 109.015

Inverse Universe

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



57, 53.098, 298.472



59, 73.407, 299.922



61, 54.983, 313.856



42, 6.644, 294.399



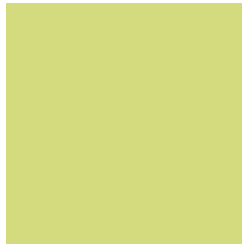
21, 99.749, 306.575



2, 29.713, 297.032

Previews

White Background



This preview shows how the CIELCh color 85, 47.566, 110.040 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 85, 47.566, 110.040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

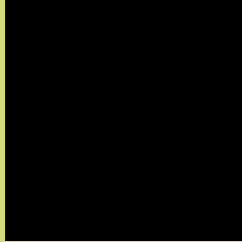
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 47.566, 110.040

Background



This preview shows how black text looks on a background with the CIELCh color 85, 47.566, 110.040.



This preview shows how white text looks on a background with the CIELCh color 85, 47.566, 110.040.

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](#).

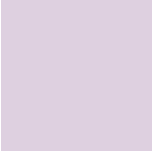
Dichromacy



Original Color
85, 47.566, 110.040

Protanopia
85, 46.553, 95.852

Deuteranopia
85, 42.064, 75.960



Tritanopia
85, 9.844, 321.317

Trichromacy



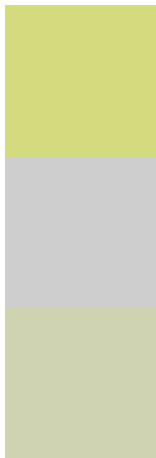
Original Color
85, 47.566, 110.040

Protanomaly
85, 46.766, 101.558

Deuteranomaly
85, 41.946, 89.384

Tritanomaly
85, 12.762, 98.820

Monochromacy



Original Color
85, 47.566, 110.040

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 17.856, 112.310

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 47.566, 110.040 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(211, 219, 126)` looks like.

```
.text, #text, p{  
    color:rgb(211, 219, 126)  
}
```

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(211, 219, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 219, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 47.566, 110.040 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(211, 219, 126) }
```

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

```
.border{ border-color:rgb(211, 219, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 219, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 219, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 219, 126);  
box-shadow:4px 4px 4px 4px rgb(211, 219,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 47.566, 110.040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 219, 126) }
```

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

```
.background{ background-color: rgb(211,  
219, 126) }
```

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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