

Converting Colors

CIELCh(85, 26.207, 117.469)

Have a look what the booklet for
CIELCh(85, 26.207, 117.469)
contains.

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Color

CIELCh(85, 26.347, 117.245)

Conversions

Conversions Part 1

Format	Color
Hex	CFDAA8
RGB	207, 218, 168
RGB Percent	81%, 85%, 66%
CMY	0.1895, 0.1464, 0.3424
CMYK	0.05, 0.00, 0.23, 0.15
HSL	73°, 40%, 76%
HSV	73°, 23%, 85%
XYZ	57.6662, 66.0070, 46.5940
YIQ	209.0110, 9.4940, -17.8820

Conversions

Conversions Part 2

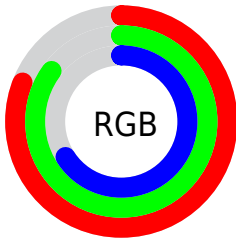
Format	Color
R _{YB}	168, 218, 179
Decimal	13621928
CIE Lab	85.00, -12.06, 23.42
CIE LCh	85, 26.347, 117.245
Yxy	66.0070, 0.3387, 0.3877
Android (android.graphics.Color)	4291812008 (0xFFCFDAA8)
YUV	209.0110, -20.2184, -1.7636
Hunter-Lab	81.2447, -15.4817, 22.8683

Details

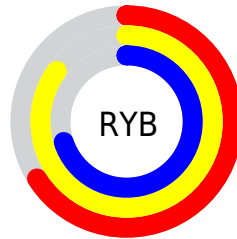
The CIELCh color $85, 26.347, 117.245$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $71, 27.671, 300.511$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 16.187, 108.954$, and $65, 26.122, 117.472$ is the 20% darker color. If you saturate the color by 10%, you get $84, 37.599, 116.585$, and if you desaturate by 10%, it is $86, 14.920, 117.919$.

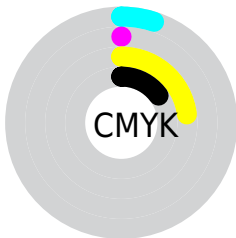
Distribution



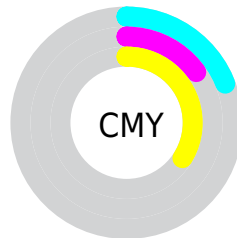
- Red (81%)
- Green (85%)
- Blue (66%)



- Red (66%)
- Yellow (85%)
- Blue (70%)



- Cyan (5%)
- Magenta (0%)
- Yellow (23%)
- Black (15%)





- Cyan (19%)
- Magenta (15%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 26.347, 117.245 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, 26.347, 117.245 by changing the saturation by 10% instead.


 85, 26.347,
117.245


 85, 26.347,
117.245


 100, 26.347,
117.245


 75, 26.347,
117.245

 65, 26.347,
117.245

 55, 26.347,
117.245

 45, 26.347,
117.245

 35, 26.347,
117.245

 25, 26.347,
117.245

 15, 26.347,

117.245

■ 5, 26.347, 117.245

■ 0, 26.347, 117.245

■ 85, 26.347,
117.245

■ 85, 26.347,
117.245

■ 84, 37.599,
116.585

■ 86, 14.920,
117.919

■ 84, 48.524,
115.955

■ 87, 3.408, 118.582

■ 83, 58.905,
115.400

■ 88, 8.119, 299.209

■ 82, 68.418,
114.978

■ 89, 19.617,
299.816

■ 82, 76.612,

■ 89, 20.044,
304.394

114.769

89, 20.470,
308.897

82, 82.957,
114.870

90, 21.015,
313.232

81, 87.027,
115.370

90, 21.673,
317.365

81, 88.743,
115.925

91, 22.436,
321.270

Harmonies

Complementary

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



85, 26.347, 117.245



71, 27.671, 300.511

Rectangle

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



85, 26.347, 117.245



85, 26.347, 167.245



85, 26.347, 297.245



85, 26.347, 347.245

Sweetspot

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



85, 26.349, 117.248



99, 9.162, 118.311



76, 16.567, 40.924



53, 5.953, 118.270



0, 0.000, 0.000



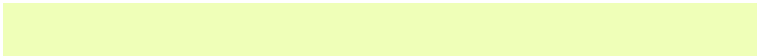
53, 0.007, 296.813

Same Dimension

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



85, 26.349, 117.248



97, 36.427, 116.895



83, 29.518, 135.187



46, 6.575, 118.153



66, 74.831, 115.743



17, 27.097, 116.194

Inverse Universe

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



71, 27.671, 300.511



78, 38.743, 300.996



73, 29.997, 317.238



42, 6.710, 299.414



22, 98.403, 307.471



2, 29.965, 300.288

Previews

White Background



This preview shows how the CIELCh color 85, 26.347, 117.245 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, 26.347, 117.245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

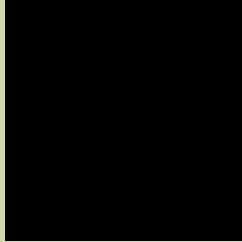
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

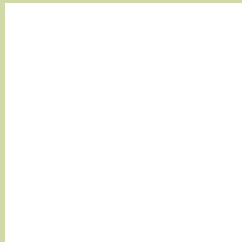
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 26.347, 117.245

Background



This preview shows how black text looks on a background with the CIELCh color 85, 26.347, 117.245.



This preview shows how white text looks on a background with the CIELCh color 85, 26.347, 117.245.

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, 26.347, 117.245

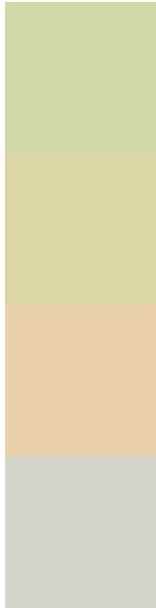
Protanopia
85, 25.154, 95.337

Deuteranopia
85, 24.528, 64.538



Tritanopia
85, 8.636, 302.670

Trichromacy



Original Color
85, 26.347, 117.245

Protanomaly
85, 25.080, 103.524

Deuteranomaly
85, 22.393, 84.507

Tritanomaly
85, 4.208, 114.793

Monochromacy



Original Color
85, 26.347, 117.245

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 9.570, 118.300

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 26.347, 117.245 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(207, 218, 168)` looks like.

```
.text, #text, p{  
    color:rgb(207, 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(207, 218, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 218, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 26.347, 117.245 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(207, 218, 168) }
```

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

```
.border{ border-color:rgb(207, 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(207, 218, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 218, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 218, 168);  
box-shadow:4px 4px 4px 4px rgb(207, 218,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 26.347, 117.245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 218, 168) }
```

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

```
.background{ background-color: rgb(207,  
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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