

Converting Colors

CIELCh(85, 25.896, 126.947)

Have a look what the booklet for
CIELCh(85, 25.896, 126.947)
contains.

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Color

CIELCh(85, 25.896, 126.947)

Conversions

Conversions Part 1

Format	Color
Hex	C6DCAD
RGB	198, 220, 173
RGB Percent	78%, 86%, 68%
CMY	0.2247, 0.1384, 0.3227
CMYK	0.10, 0.00, 0.21, 0.14
HSL	88°, 40%, 77%
HSV	88°, 21%, 86%
XYZ	56.2460, 66.0070, 49.1704
YIQ	208.0640, 1.9750, -19.2810

Conversions

Conversions Part 2

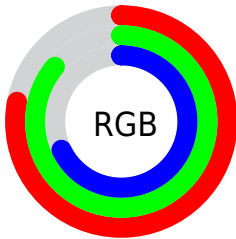
Format	Color
RYB	173, 220, 195
Decimal	13032621
CIELab	85.00, -15.57, 20.70
CIELCh	85, 25.896, 126.947
Yxy	66.0070, 0.3281, 0.3851
Android (android.graphics.Color)	4291222701 (0xFFC6DCAD)
YUV	208.0640, -17.2866, -8.8261
Hunter-Lab	81.2447, -18.6020, 20.9882

Details

The CIELCh color **85, 25.896, 126.947** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **74, 26.725, 308.997**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 13.158, 109.183**, and **65, 26.120, 126.628** is the 20% darker color. If you saturate the color by 10%, you get **84, 37.896, 126.454**, and if you desaturate by 10%, it is **86, 13.788, 127.437**.

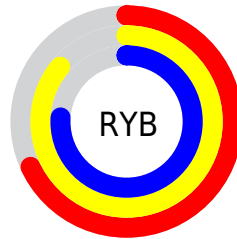
Distribution



Red (78%)

Green (86%)

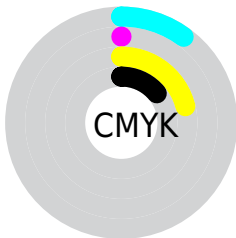
Blue (68%)



Red (68%)

Yellow (86%)

Blue (76%)

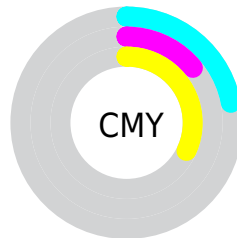


Cyan (10%)

Magenta (0%)

Yellow (21%)

Black (14%)



Cyan (22%)

Magenta (14%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 25.896, 126.947 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, 25.896, 126.947 by changing the saturation by 10% instead.

■ 85, 25.896,
126.947

■ 85, 25.896,
126.947

■ 100, 25.896,
126.947

■ 75, 25.896,
126.947

■ 65, 25.896,
126.947

■ 55, 25.896,
126.947

■ 45, 25.896,
126.947

■ 35, 25.896,
126.947

■ 25, 25.896,
126.947

■ 15, 25.896,

126.947

■ 5, 25.896, 126.947

■ 0, 25.896, 126.947

■ 85, 25.896,
126.947

■ 85, 25.896,
126.947

■ 84, 37.896,
126.454

■ 86, 13.788,
127.437

■ 83, 49.636,
125.975

■ 87, 1.668, 127.957

■ 82, 60.908,
125.554

■ 89, 10.393,
308.304

■ 81, 71.402,
125.256

■ 90, 19.588,
311.150

■ 80, 80.693,

■ 91, 21.043,
320.446

125.179

91, 22.090,
325.193

80, 88.259,
125.447

79, 93.635,
126.178

79, 96.647,
127.140

Harmonies

Complementary

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



85, 25.896, 126.947



74, 26.725, 308.997

Rectangle

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



85, 25.896, 126.947



85, 25.896, 176.947



85, 25.896, 306.947



85, 25.896, 356.947

Sweetspot

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



85, 25.898, 126.949



99, 8.187, 127.693



80, 15.258, 69.176



53, 5.432, 127.661



0, 0.000, 0.000



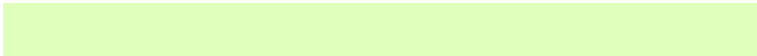
53, 0.007, 296.813

Same Dimension

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



85, 25.898, 126.949



96, 35.491, 126.710



83, 29.966, 142.228



46, 6.861, 127.531



64, 80.798, 126.875



16, 29.008, 127.253

Inverse Universe

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



74, 26.725, 308.997



81, 36.903, 309.263



76, 30.023, 324.667



43, 6.961, 308.376



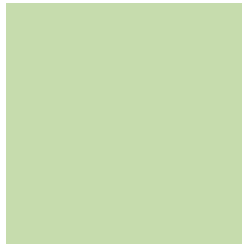
26, 94.042, 311.250



3, 31.010, 308.139

Previews

White Background



This preview shows how the CIELCh color 85, 25.896, 126.947 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, 25.896, 126.947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

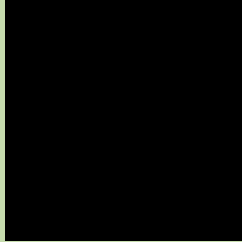
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

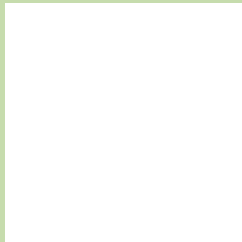
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 25.896, 126.947

Background



This preview shows how black text looks on a background with the CIELCh color 85, 25.896, 126.947.



This preview shows how white text looks on a background with the CIELCh color 85, 25.896, 126.947.

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, 25.896, 126.947

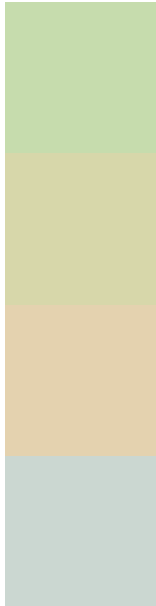
Protanopia
85, 23.035, 95.422

Deuteranopia
85, 21.997, 61.676



Tritanopia
85, 9.146, 277.785

Trichromacy



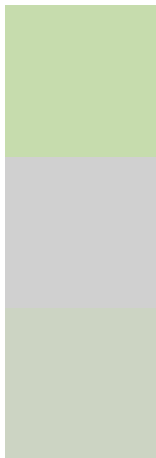
Original Color
85, 25.896, 126.947

Protanomaly
85, 23.443, 108.153

Deuteranomaly
85, 19.644, 87.633

Tritanomaly
85, 5.381, 163.272

Monochromacy



Original Color
85, 25.896, 126.947

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 9.430, 127.685

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 25.896, 126.947 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(198, 220, 173)` looks like.

```
.text, #text, p{  
    color:rgb(198, 220, 173)  
}
```

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(198, 220, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 220, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 25.896, 126.947 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(198, 220, 173) }
```

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

```
.border{ border-color:rgb(198, 220, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 220, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 220, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 220, 173);  
box-shadow:4px 4px 4px 4px rgb(198, 220,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 25.896, 126.947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 220, 173) }
```

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

```
.background{ background-color: rgb(198,  
220, 173) }
```

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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