

Converting Colors

CIELCh(85, 34.882, 123.051)

Have a look what the booklet for
CIELCh(85, 34.882, 123.051)
contains.

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Color

CIELCh(85, 34.924, 122.826)

Conversions

Conversions Part 1

Format	Color
Hex	C5DD9C
RGB	197, 221, 156
RGB Percent	77%, 87%, 61%
CMY	0.2273, 0.1332, 0.3881
CMYK	0.11, 0.00, 0.29, 0.13
HSL	82°, 49%, 74%
HSV	82°, 29%, 87%
XYZ	54.9036, 66.0070, 41.3134
YIQ	206.4140, 6.5610, -25.3030

Conversions

Conversions Part 2

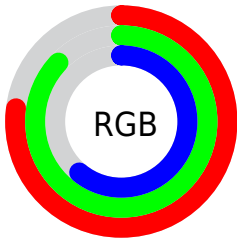
Format	Color
RYB	156, 221, 180
Decimal	12967324
CIELab	85.00, -18.93, 29.35
CIELCh	85, 34.924, 122.826
Yxy	66.0070, 0.3384, 0.4069
Android (android.graphics.Color)	4291157404 (0xFFC5DD9C)
YUV	206.4140, -24.8541, -8.2561
Hunter-Lab	81.2447, -21.5514, 26.7220

Details

The CIELCh color **85, 34.924, 122.826** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **69, 36.839, 306.133**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 22.233, 109.452**, and **65, 34.989, 122.515** is the 20% darker color. If you saturate the color by 10%, you get **84, 46.480, 122.307**, and if you desaturate by 10%, it is **86, 23.128, 123.367**.

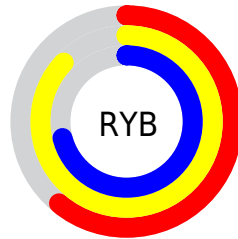
Distribution



Red (77%)

Green (87%)

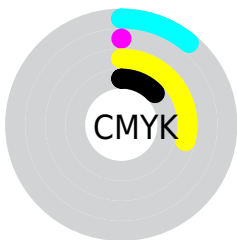
Blue (61%)



Red (61%)

Yellow (87%)

Blue (71%)

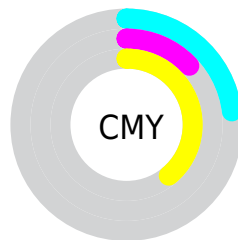


Cyan (11%)

Magenta (0%)

Yellow (29%)

Black (13%)



Cyan (23%)


Magenta (13%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 34.924, 122.826 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, 34.924, 122.826 by changing the saturation by 10% instead.


 85, 34.924,
122.826

 85, 34.924,
122.826


 100, 34.924,
122.826


 75, 34.924,
122.826

 65, 34.924,
122.826

 55, 34.924,
122.826

 45, 34.924,
122.826

 35, 34.924,
122.826

 25, 34.924,
122.826

 15, 34.924,

122.826

■ 5, 34.924, 122.826

■ 0, 34.924, 122.826

■ 85, 34.924,
122.826

■ 85, 34.924,
122.826

■ 84, 46.480,
122.307

■ 86, 23.128,
123.367

■ 83, 57.597,
121.843

■ 87, 11.218,
123.903

■ 83, 67.994,
121.495

■ 88, 0.715, 304.296

■ 82, 77.265,
121.349

■ 89, 12.608,
304.883

■ 81, 84.898,

■ 90, 18.660,
309.499

121.519

91, 19.712,
317.400

81, 90.397,
122.123

92, 21.099,
324.492

80, 93.750,
123.175

92, 21.256,
325.164

80, 93.926,
123.240

Harmonies

Complementary

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



85, 34.924, 122.826



69, 36.839, 306.133

Rectangle

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



85, 34.924, 122.826



85, 34.924, 172.826



85, 34.924, 302.826



85, 34.924, 352.826

Sweetspot

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



85, 34.926, 122.828



99, 12.049, 123.921



76, 21.144, 57.207



53, 8.374, 123.843



0, 0.000, 0.000



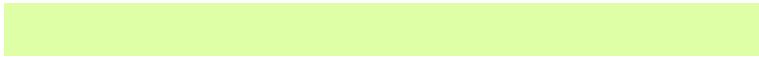
53, 0.007, 296.813

Same Dimension

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



85, 34.926, 122.828



96, 46.509, 122.518



83, 40.085, 139.077



46, 6.725, 123.902



64, 78.206, 122.980



17, 28.142, 123.256

Inverse Universe

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



69, 36.839, 306.133



74, 49.661, 306.550



72, 40.417, 322.139



43, 6.841, 304.871



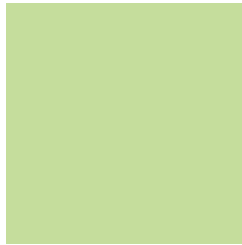
24, 95.969, 309.389



3, 30.456, 304.572

Previews

White Background



This preview shows how the CIELCh color 85, 34.924, 122.826 looks on a white background.

Color Contrast Check

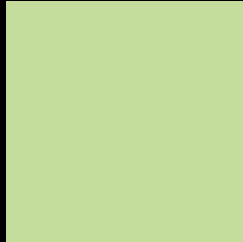
Large Text (above 18pt) WCAG AA × Fail

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, 34.924, 122.826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

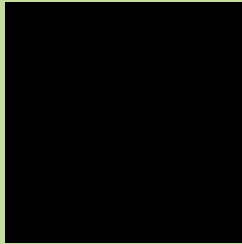
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 34.924, 122.826

Background



This preview shows how black text looks on a background with the CIELCh color 85, 34.924, 122.826.

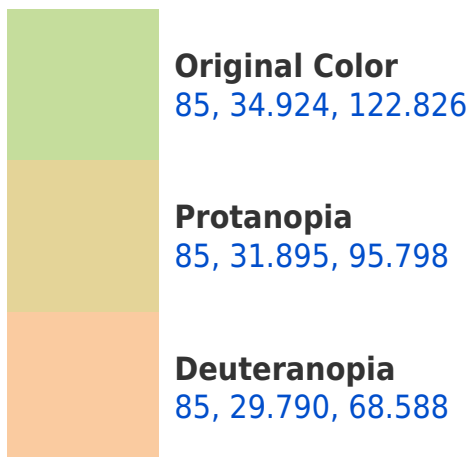


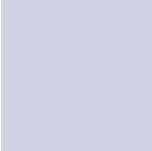
This preview shows how white text looks on a background with the CIELCh color 85, 34.924, 122.826.

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
85, 8.566, 279.176

Trichromacy



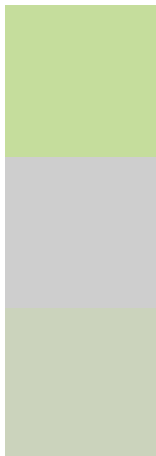
Original Color
85, 34.924, 122.826

Protanomaly
85, 32.166, 105.970

Deuteranomaly
85, 27.972, 90.368

Tritanomaly
85, 8.145, 142.077

Monochromacy



Original Color
85, 34.924, 122.826

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 12.468, 123.015

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 34.924, 122.826 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(197, 221, 156)` looks like.

```
.text, #text, p{  
    color:rgb(197, 221, 156)  
}
```

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(197, 221, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 221, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 34.924, 122.826 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(197, 221, 156) }
```

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

```
.border{ border-color:rgb(197, 221, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 221, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 221, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 221, 156);  
box-shadow:4px 4px 4px 4px rgb(197, 221,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 34.924, 122.826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 221, 156) }
```

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

```
.background{ background-color: rgb(197,  
221, 156) }
```

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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