

Converting Colors

CIELCh(85, 35.728, 124.337)

Have a look what the booklet for
CIELCh(85, 35.728, 124.337)
contains.

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Color

CIELCh(85, 35.728, 124.337)

Conversions

Conversions Part 1

Format	Color
Hex	C3DE9C
RGB	195, 222, 156
RGB Percent	76%, 87%, 61%
CMY	0.2366, 0.1307, 0.3895
CMYK	0.12, 0.00, 0.30, 0.13
HSL	85°, 50%, 74%
HSV	85°, 30%, 87%
XYZ	54.4221, 66.0070, 41.1813
YIQ	206.4030, 5.0940, -26.2500

Conversions

Conversions Part 2

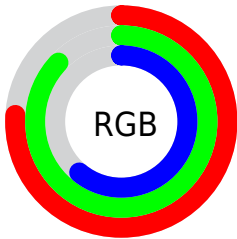
Format	Color
RYB	156, 222, 183
Decimal	12836508
CIELab	85.00, -20.15, 29.50
CIELCh	85, 35.728, 124.337
Yxy	66.0070, 0.3367, 0.4084
Android (android.graphics.Color)	4291026588 (0xFFC3DE9C)
YUV	206.4030, -24.8487, -10.0004
Hunter-Lab	81.2447, -22.6092, 26.8184

Details

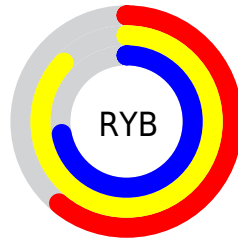
The CIELCh color **85, 35.728, 124.337** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **69, 37.578, 307.496**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 22.265, 111.361**, and **65, 35.835, 124.107** is the 20% darker color. If you saturate the color by 10%, you get **84, 47.418, 123.838**, and if you desaturate by 10%, it is **86, 23.800, 124.856**.

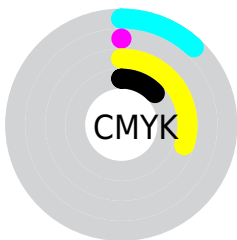
Distribution



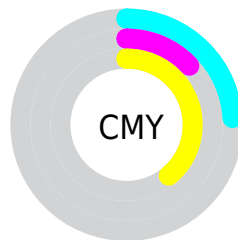
- Red (76%)
- Green (87%)
- Blue (61%)



- Red (61%)
- Yellow (87%)
- Blue (72%)



- Cyan (12%)
- Magenta (0%)
- Yellow (30%)
- Black (13%)





- Cyan (24%)
- Magenta (13%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 35.728, 124.337 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, 35.728, 124.337 by changing the saturation by 10% instead.


 85, 35.728,
124.337


 85, 35.728,
124.337


 100, 35.728,
124.337


 75, 35.728,
124.337

 65, 35.728,
124.337

 55, 35.728,
124.337

 45, 35.728,
124.337

 35, 35.728,
124.337

 25, 35.728,
124.337

 15, 35.728,

124.337

■ 5, 35.728, 124.337

■ 0, 35.728, 124.337

■ 85, 35.728,
124.337

■ 85, 35.728,
124.337

■ 84, 47.418,
123.838

■ 86, 23.800,
124.856

■ 83, 58.665,
123.394

■ 87, 11.762,
125.368

■ 82, 69.183,
123.066

■ 88, 0.290, 305.521

■ 82, 78.561,
122.944

■ 90, 12.292,
306.293

■ 81, 86.284,

■ 91, 18.519,
311.378

123.147

91, 19.806,
320.062

81, 91.860,
123.795

92, 20.864,
325.150

80, 95.320,
124.886

80, 95.393,
124.912

Harmonies

Complementary

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



85, 35.728, 124.337



69, 37.578, 307.496

Rectangle

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



85, 35.728, 124.337



85, 35.728, 174.337



85, 35.728, 304.337



85, 35.728, 354.337

Sweetspot

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



85, 35.730, 124.339



99, 12.141, 125.403



77, 21.520, 60.891



53, 8.438, 125.329



0, 0.000, 0.000



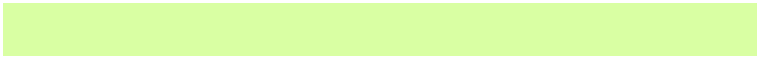
53, 0.007, 296.813

Same Dimension

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



85, 35.730, 124.339



96, 48.226, 124.009



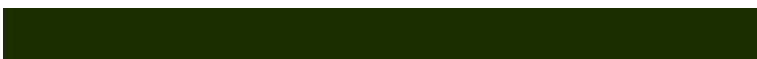
83, 41.097, 139.917



46, 6.777, 125.385



64, 79.238, 124.642



16, 28.480, 124.938

Inverse Universe

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



69, 37.578, 307.496



73, 51.365, 307.922



72, 41.342, 323.150



43, 6.887, 306.298



25, 95.208, 310.082



3, 30.653, 305.944

Previews

White Background



This preview shows how the CIELCh color 85, 35.728, 124.337 looks on a white background.

Color Contrast Check

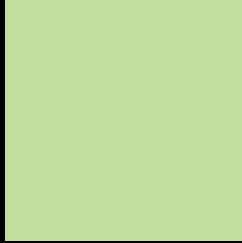
Large Text (above 18pt) WCAG AA × Fail

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, 35.728, 124.337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

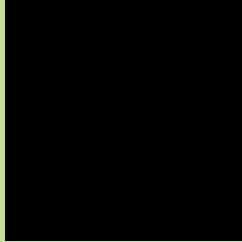
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 35.728, 124.337

Background



This preview shows how black text looks on a background with the CIELCh color 85, 35.728, 124.337.

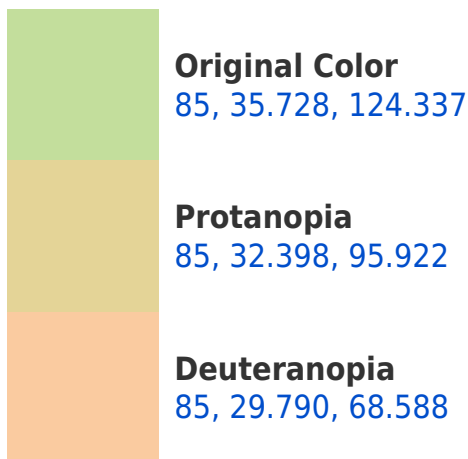


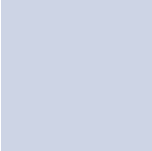
This preview shows how white text looks on a background with the CIELCh color 85, 35.728, 124.337.

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](#).

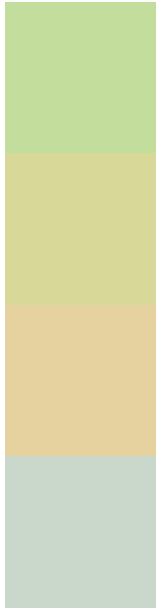
Dichromacy





Tritanopia
85, 9.224, 275.692

Trichromacy



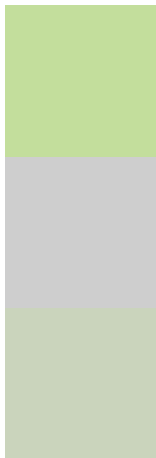
Original Color
85, 35.728, 124.337

Protanomaly
85, 32.641, 107.357

Deuteranomaly
85, 28.347, 91.390

Tritanomaly
85, 9.204, 145.906

Monochromacy



Original Color
85, 35.728, 124.337

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 13.170, 125.567

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 35.728, 124.337 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(195, 222, 156)` looks like.

```
.text, #text, p{  
    color:rgb(195, 222, 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(195, 222, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 222, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 35.728, 124.337 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(195, 222, 156) }
```

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

```
.border{ border-color:rgb(195, 222, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 222, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 222, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 222, 156);  
box-shadow:4px 4px 4px 4px rgb(195, 222,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 35.728, 124.337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 222, 156) }
```

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

```
.background{ background-color: rgb(195,  
222, 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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