

Converting Colors

CIELCh(85, 19.902, 137.857)

Have a look what the booklet for
CIELCh(85, 19.902, 137.857)
contains.

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Color

CIELCh(85, 19.839, 137.745)

Conversions

Conversions Part 1

Format	Color
Hex	C2DCBB
RGB	194, 220, 187
RGB Percent	76%, 86%, 73%
CMY	0.2405, 0.1386, 0.2680
CMYK	0.12, 0.00, 0.15, 0.14
HSL	107°, 32%, 80%
HSV	107°, 15%, 86%
XYZ	56.6011, 66.0070, 56.5859
YIQ	208.4640, -4.9030, -15.7750

Conversions

Conversions Part 2

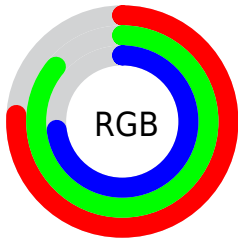
Format	Color
RYB	187, 220, 213
Decimal	12770491
CIELab	85.00, -14.68, 13.34
CIElCh	85, 19.839, 137.745
Yxy	66.0070, 0.3159, 0.3684
Android (android.graphics.Color)	4290960571 (0xFFC2DCBB)
YUV	208.4640, -10.5818, -12.6849
Hunter-Lab	81.2447, -17.8220, 15.5765

Details

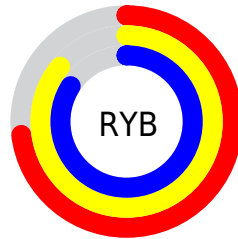
The CIELCh color **85, 19.839, 137.745** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **79, 20.000, 319.100**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 6.255, 122.806**, and **65, 19.797, 138.099** is the 20% darker color. If you saturate the color by 10%, you get **83, 33.113, 137.185**, and if you desaturate by 10%, it is **87, 6.593, 138.260**.

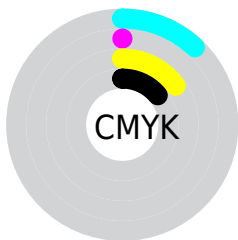
Distribution



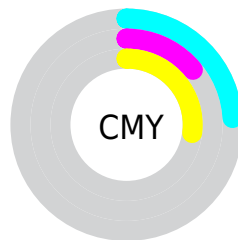
- Red (76%)
- Green (86%)
- Blue (73%)



- Red (73%)
- Yellow (86%)
- Blue (84%)



- Cyan (12%)
- Magenta (0%)
- Yellow (15%)
- Black (14%)




- Cyan (24%)
- Magenta (14%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 19.839, 137.745 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, 19.839, 137.745 by changing the saturation by 10% instead.


 85, 19.839,
137.745


 85, 19.839,
137.745


 100, 19.839,
137.745


 75, 19.839,
137.745


 65, 19.839,
137.745

 55, 19.839,
137.745

 45, 19.839,
137.745

 35, 19.839,
137.745

 25, 19.839,
137.745

 15, 19.839,

137.745

■ 5, 19.839, 137.745

■ 0, 19.839, 137.745

■ 85, 19.839,
137.745

■ 85, 19.839,
137.745

■ 83, 33.113,
137.185

■ 87, 6.593, 138.260

■ 82, 46.245,
136.568

■ 89, 6.514, 318.622

■ 81, 59.014,
135.911

■ 91, 19.399,
319.014

■ 80, 71.113,
135.251

■ 91, 22.121,
325.194

■ 79, 82.133,

134.658

■ 78, 91.553,
134.238

■ 78, 98.798,
134.122

■ 77, 103.453,
134.408

■ 77, 105.020,
134.615

Harmonies

Complementary

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



85, 19.839, 137.745



79, 20.000, 319.100

Rectangle

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



85, 19.839, 137.745



85, 19.839, 187.745



85, 19.839, 317.745



85, 19.839, 7.745

Sweetspot

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



85, 19.841, 137.746



99, 7.412, 138.259



85, 13.785, 97.629



53, 5.060, 138.222



0, 0.000, 0.000



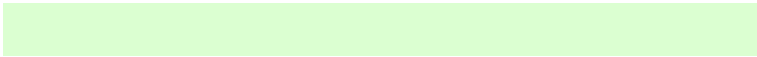
53, 0.007, 296.813

Same Dimension

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



85, 19.841, 137.746



96, 26.862, 137.577



85, 17.346, 152.557



45, 7.469, 138.036



62, 87.849, 134.459



16, 31.871, 136.192

Inverse Universe

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



79, 20.000, 319.100



88, 27.115, 319.241



79, 17.451, 334.626



43, 7.513, 318.844



35, 88.344, 320.317



5, 33.462, 320.661

Previews

White Background



This preview shows how the CIELCh color 85, 19.839, 137.745 looks on a white background.

Color Contrast Check

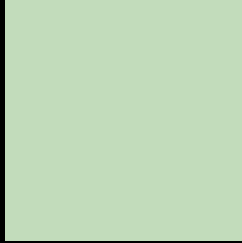
Large Text (above 18pt) WCAG AA × Fail

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, 19.839, 137.745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

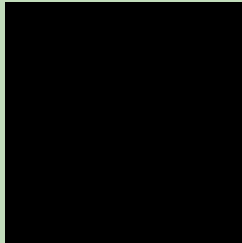
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

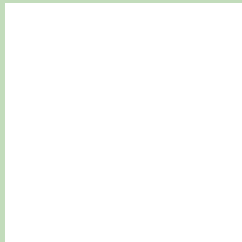
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 19.839, 137.745

Background



This preview shows how black text looks on a background with the CIELCh color 85, 19.839, 137.745.

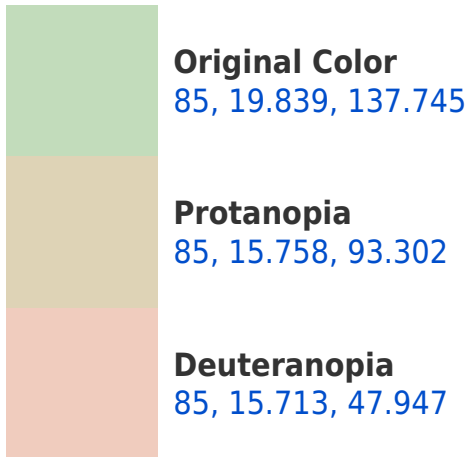


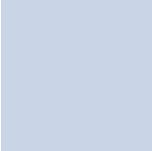
This preview shows how white text looks on a background with the CIELCh color 85, 19.839, 137.745.

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, 9.768, 265.914

Trichromacy



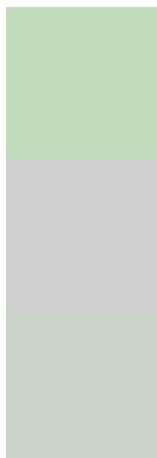
Original Color
85, 19.839, 137.745

Protanomaly
85, 15.706, 111.593

Deuteranomaly
85, 12.061, 85.033

Tritanomaly
85, 6.058, 194.071

Monochromacy



Original Color
85, 19.839, 137.745

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 7.147, 137.079

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 19.839, 137.745 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(194, 220, 187)` looks like.

```
.text, #text, p{  
    color:rgb(194, 220, 187)  
}
```

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(194, 220, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 220, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 19.839, 137.745 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(194, 220, 187) }
```

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

```
.border{ border-color:rgb(194, 220, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 220, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 220, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 220, 187); box-shadow:4px 4px 4px 4px rgb(194, 220, 187) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 19.839, 137.745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 220, 187) }
```

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

```
.background{ background-color: rgb(194,  
220, 187) }
```

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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