

Converting Colors

CIELCh(85, 15.053, 136.587)

Have a look what the booklet for
CIELCh(85, 15.053, 136.587)
contains.

CIELCh(85, 15.372, 136.182)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(85, 15.372, 136.182)

Conversions

Conversions Part 1

Format	Color
Hex	C7DAC0
RGB	199, 218, 192
RGB Percent	78%, 85%, 75%
CMY	0.2201, 0.1456, 0.2475
CMYK	0.09, 0.00, 0.12, 0.15
HSL	104°, 26%, 80%
HSV	104°, 12%, 85%
XYZ	58.0636, 66.0070, 59.4815
YIQ	209.3550, -2.9780, -12.1140

Conversions

Conversions Part 2

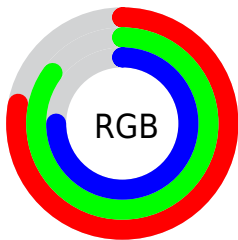
Format	Color
RYB	192, 218, 211
Decimal	13097664
CIELab	85.00, -11.09, 10.64
CIELCh	85, 15.372, 136.182
Yxy	66.0070, 0.3163, 0.3596
Android (android.graphics.Color)	4291287744 (0xFFC7DAC0)
YUV	209.3550, -8.5560, -9.0813
Hunter-Lab	81.2447, -14.6087, 13.4634

Details

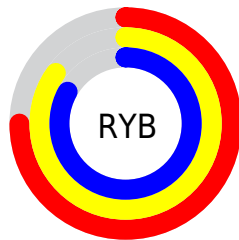
The CIELCh color $85, 15.372, 136.182$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 15.506, 317.195$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 3.539, 109.892$, and $65, 15.079, 136.645$ is the 20% darker color. If you saturate the color by 10%, you get $83, 28.332, 135.673$, and if you desaturate by 10%, it is $87, 2.470, 136.702$.

Distribution



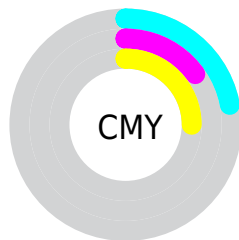
- Red (78%)
- Green (85%)
- Blue (75%)



- Red (75%)
- Yellow (85%)
- Blue (83%)



- Cyan (9%)
- Magenta (0%)
- Yellow (12%)
- Black (15%)





- Cyan (22%)
- Magenta (15%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 15.372, 136.182 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, 15.372, 136.182 by changing the saturation by 10% instead.


 85, 15.372,
136.182


 85, 15.372,
136.182


 100, 15.372,
136.182


 75, 15.372,
136.182


 65, 15.372,
136.182

 55, 15.372,
136.182

 45, 15.372,
136.182

 35, 15.372,
136.182

 25, 15.372,
136.182

 15, 15.372,

136.182

■ 5, 15.372, 136.182

■ 0, 15.372, 136.182

■ 85, 15.372,
136.182

■ 85, 15.372,
136.182

■ 83, 28.332,
135.673

■ 87, 2.470, 136.702

■ 82, 41.208,
135.116

■ 88, 10.286,
316.996

■ 81, 53.816,
134.529

■ 90, 21.794,
318.692

■ 80, 65.899,
133.944

■ 91, 23.242,
325.234

■ 79, 77.101,

133.423

■ 78, 86.953,
133.061

■ 77, 94.899,
132.986

■ 77, 100.449,
133.315

■ 77, 103.305,
133.809

Harmonies

Complementary

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



85, 15.372, 136.182



80, 15.506, 317.195

Rectangle

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



85, 15.372, 136.182



85, 15.372, 186.182



85, 15.372, 316.182



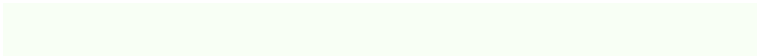
85, 15.372, 6.182

Sweetspot

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



85, 15.374, 136.184



99, 5.826, 136.570



85, 10.145, 93.451



53, 4.143, 136.530



0, 0.000, 0.000



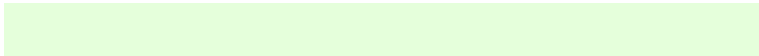
53, 0.007, 296.813

Same Dimension

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



85, 15.374, 136.184



97, 20.510, 136.076



85, 14.361, 150.339



45, 7.344, 136.305



62, 86.923, 133.628



16, 31.410, 135.025

Inverse Universe

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



80, 15.506, 317.195



91, 20.711, 317.292



80, 14.413, 331.851



43, 7.398, 317.083



33, 89.165, 318.396



5, 33.051, 318.517

Previews

White Background



This preview shows how the CIELCh color 85, 15.372, 136.182 looks on a white background.

Color Contrast Check

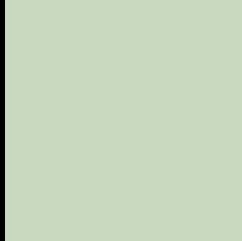
Large Text (above 18pt) WCAG AA × Fail

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, 15.372, 136.182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

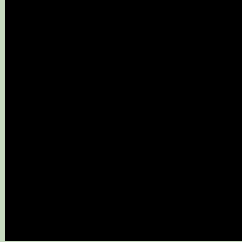
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

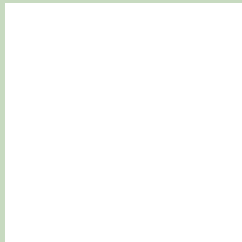
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 15.372, 136.182

Background



This preview shows how black text looks on a background with the CIELCh color 85, 15.372, 136.182.

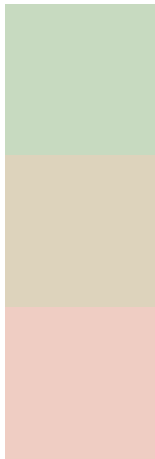


This preview shows how white text looks on a background with the CIELCh color 85, 15.372, 136.182.

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](#).

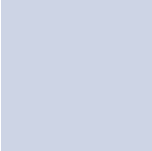
Dichromacy



Original Color
85, 15.372, 136.182

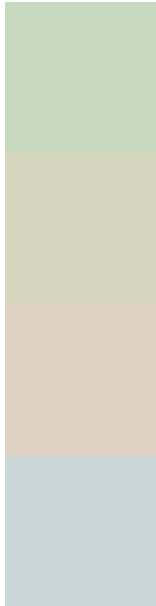
Protanopia
85, 12.626, 91.610

Deuteranopia
85, 13.991, 42.125



Tritanopia
85, 9.224, 275.692

Trichromacy



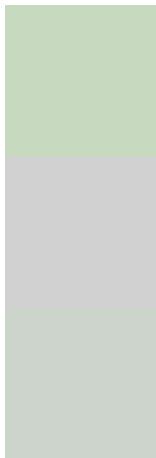
Original Color
85, 15.372, 136.182

Protanomaly
85, 13.083, 110.699

Deuteranomaly
85, 9.902, 77.221

Tritanomaly
85, 4.027, 214.442

Monochromacy



Original Color
85, 15.372, 136.182

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 5.397, 137.997

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 15.372, 136.182 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(199, 218, 192)` looks like.

```
.text, #text, p{  
    color:rgb(199, 218, 192)  
}
```

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(199, 218, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 218, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 15.372, 136.182 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(199, 218, 192) }
```

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

```
.border{ border-color:rgb(199, 218, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 218, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 218, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 218, 192); box-shadow:4px 4px 4px 4px rgb(199, 218, 192) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 15.372, 136.182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 218, 192) }
```

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

```
.background{ background-color: rgb(199,  
218, 192) }
```

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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