

Converting Colors

CIELCh(85, 25.390, 162.781)

Have a look what the booklet for
CIELCh(85, 25.390, 162.781)
contains.

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Color

CIELCh(85, 25.634, 162.618)

Conversions

Conversions Part 1

Format	Color
Hex	A6E1C5
RGB	166, 225, 197
RGB Percent	65%, 88%, 77%
CMY	0.3489, 0.1175, 0.2273
CMYK	0.26, 0.00, 0.12, 0.12
HSL	152°, 50%, 77%
HSV	152°, 26%, 88%
XYZ	52.7446, 66.0070, 62.7995
YIQ	204.1670, -26.1760, -21.2160

Conversions

Conversions Part 2

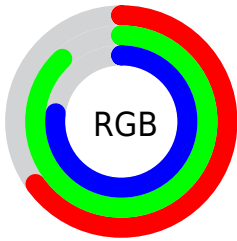
Format	Color
RYB	166, 205, 225
Decimal	10936773
CIELab	85.00, -24.46, 7.66
CIELCh	85, 25.634, 162.618
Yxy	66.0070, 0.2905, 0.3636
Android (android.graphics.Color)	4289126853 (0xFFA6E1C5)
YUV	204.1670, -3.5333, -33.4725
Hunter-Lab	81.2447, -26.2949, 11.0421

Details

The CIELCh color **85, 25.634, 162.618** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **74, 26.601, 347.500**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 11.196, 196.132**, and **65, 25.919, 161.923** is the 20% darker color. If you saturate the color by 10%, you get **84, 35.063, 161.483**, and if you desaturate by 10%, it is **87, 15.938, 163.636**.

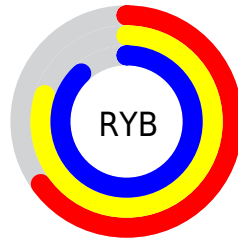
Distribution



Red (65%)

Green (88%)

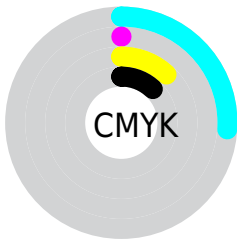
Blue (77%)



Red (65%)

Yellow (80%)

Blue (88%)

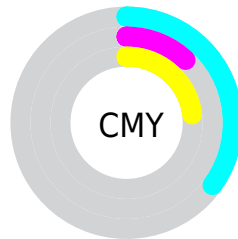


Cyan (26%)

Magenta (0%)

Yellow (12%)

Black (12%)



Cyan (35%)


Magenta (12%)


Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 25.634, 162.618 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, 25.634, 162.618 by changing the saturation by 10% instead.


 85, 25.634,
162.618

 85, 25.634,
162.618


 100, 25.634,
162.618


 75, 25.634,
162.618

 65, 25.634,
162.618

 55, 25.634,
162.618

 45, 25.634,
162.618

 35, 25.634,
162.618


 25, 25.634,
162.618


 15, 25.634,

162.618


 5, 25.634, 162.618

 0, 25.634, 162.618


 85, 25.634,
162.618


 85, 25.634,
162.618


 84, 35.063,
161.483


 87, 15.938,
163.636


 82, 44.058,
160.208


 88, 6.114, 164.591

 81, 52.452,
158.767

 90, 3.716, 345.222

 92, 13.151,
345.110

 81, 60.090,
157.135

 93, 16.873,
329.617

 80, 66.857,

155.293

93, 18.744,
325.075

80, 72.700,
153.235

79, 77.662,
150.985

79, 79.400,
150.136

Harmonies

Complementary

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



85, 25.634, 162.618



74, 26.601, 347.500

Rectangle

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



85, 25.634, 162.618



85, 25.634, 212.618



85, 25.634, 342.618



85, 25.634, 32.618

Sweetspot

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



85, 25.636, 162.617



98, 8.705, 164.414



86, 32.731, 128.445



52, 6.187, 164.271



0, 0.000, 0.000



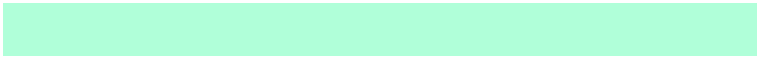
53, 0.007, 296.813

Same Dimension

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



85, 25.636, 162.617



94, 33.399, 162.066



85, 19.235, 199.667



46, 5.571, 164.283



63, 65.524, 150.546



17, 24.692, 155.029

Inverse Universe

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



74, 26.601, 347.500



80, 34.891, 348.070



74, 23.004, 22.730



44, 5.650, 345.805



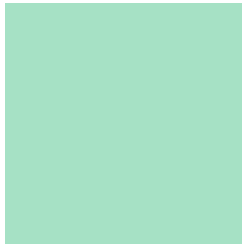
38, 63.976, 4.252



6, 26.194, 356.599

Previews

White Background



This preview shows how the CIELCh color 85, 25.634, 162.618 looks on a white background.

Color Contrast Check

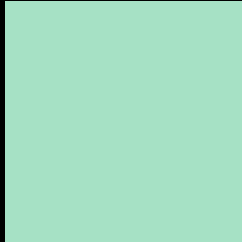
Large Text (above 18pt) WCAG AA × Fail

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, 25.634, 162.618 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, 25.634, 162.618

Background



This preview shows how black text looks on a background with the CIELCh color 85, 25.634, 162.618.

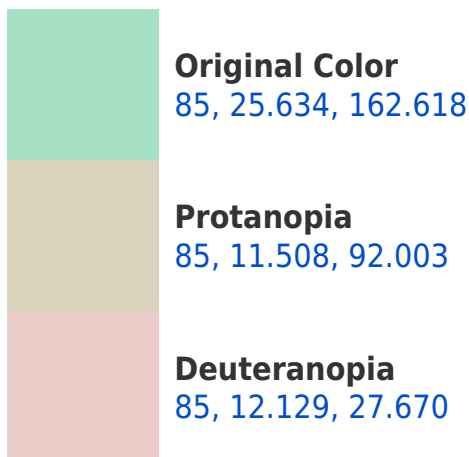


This preview shows how white text looks on a background with the CIELCh color 85, 25.634, 162.618.

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



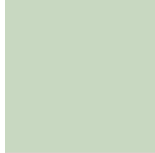


Tritanopia
85, 17.213, 232.156

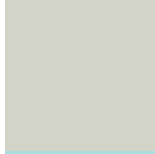
Trichromacy



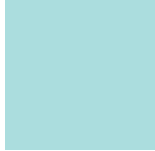
Original Color
85, 25.634, 162.618



Protanomaly
85, 13.477, 135.150



Deuteranomaly
85, 6.305, 112.981

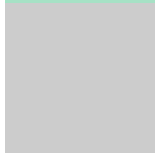


Tritanomaly
85, 16.812, 200.078

Monochromacy



Original Color
85, 25.634, 162.618



Achromatopsia
82, 0.010, 296.813



Achromatomaly
83, 9.901, 162.822

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 25.634, 162.618 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(166, 225, 197)` looks like.

```
.text, #text, p{  
    color:rgb(166, 225, 197)  
}
```

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(166, 225, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 225, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 25.634, 162.618 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(166, 225, 197) }
```

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

```
.border{ border-color:rgb(166, 225, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 225, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 225, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 225, 197);  
box-shadow:4px 4px 4px 4px rgb(166, 225,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 25.634, 162.618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 225, 197) }
```

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

```
.background{ background-color: rgb(166,  
225, 197) }
```

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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