

Converting Colors

CIELCh(85, 28.645, 164.062)

Have a look what the booklet for
CIELCh(85, 28.645, 164.062)
contains.

CIELCh(85, 28.645, 164.062)	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, 28.645, 164.062)

Conversions

Conversions Part 1

Format	Color
Hex	9FE3C5
RGB	159, 227, 197
RGB Percent	62%, 89%, 77%
CMY	0.3783, 0.1117, 0.2293
CMYK	0.30, 0.00, 0.13, 0.11
HSL	154°, 54%, 76%
HSV	154°, 30%, 89%
XYZ	51.5671, 66.0070, 62.5645
YIQ	203.2480, -30.8980, -23.7460

Conversions

Conversions Part 2

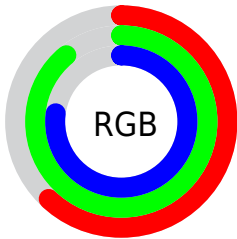
Format	Color
RYB	159, 203, 227
Decimal	10478533
CIELab	85.00, -27.54, 7.87
CIELCh	85, 28.645, 164.062
Yxy	66.0070, 0.2863, 0.3664
Android (android.graphics.Color)	4288668613 (0xFF9FE3C5)
YUV	203.2480, -3.0803, -38.8055
Hunter-Lab	81.2447, -28.8818, 11.2135

Details

The CIELCh color $85, 28.645, 164.062$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $73, 30.098, 349.947$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 13.459, 196.418$, and $65, 28.622, 164.102$ is the 20% darker color. If you saturate the color by 10%, you get $84, 37.686, 162.867$, and if you desaturate by 10%, it is $87, 19.256, 165.134$.

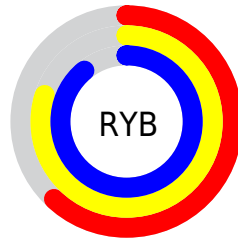
Distribution



Red (62%)

Green (89%)

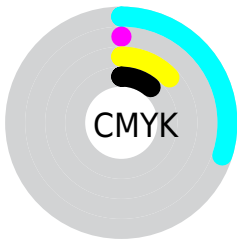
Blue (77%)



Red (62%)

Yellow (80%)

Blue (89%)

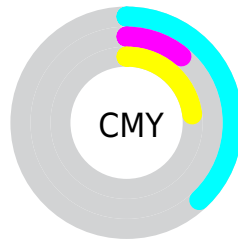


Cyan (30%)

Magenta (0%)

Yellow (13%)

Black (11%)



Cyan (38%)


Magenta (11%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 28.645, 164.062 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, 28.645, 164.062 by changing the saturation by 10% instead.


 85, 28.645,
164.062


 85, 28.645,
164.062


 100, 28.645,
164.062


 75, 28.645,
164.062

 65, 28.645,
164.062

 55, 28.645,
164.062

 45, 28.645,
164.062

 35, 28.645,
164.062


 25, 28.645,
164.062


 15, 28.645,


164.062


 5, 28.645, 164.062


 0, 28.645, 164.062

 85, 28.645,
164.062


 85, 28.645,
164.062


 84, 37.686,
162.867

 87, 19.256,
165.134


 83, 46.211,
161.526


 88, 9.666, 166.121

 82, 54.061,
160.014

 90, 0.010, 224.649

 92, 9.621, 347.705

 81, 61.099,
158.305

 93, 14.450,
334.980

 80, 67.238,

156.383

93, 17.807,
325.042

80, 72.465,
154.248

80, 76.933,
151.976

Harmonies

Complementary

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



85, 28.645, 164.062



73, 30.098, 349.947

Rectangle

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



85, 28.645, 164.062



85, 28.645, 214.062



85, 28.645, 344.062



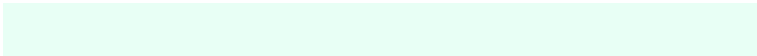
85, 28.645, 34.062

Sweetspot

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



85, 28.646, 164.061



98, 9.565, 166.213



86, 37.955, 129.420



52, 6.646, 166.072



0, 0.000, 0.000



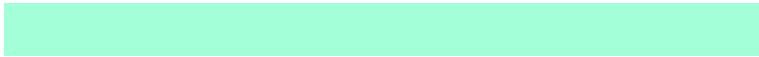
53, 0.007, 296.813

Same Dimension

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



85, 28.646, 164.061



94, 37.538, 163.333



85, 21.095, 202.904



46, 5.440, 166.176



63, 63.177, 152.396



17, 23.888, 156.861

Inverse Universe

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



73, 30.098, 349.947



77, 39.827, 350.741



73, 26.064, 25.709



44, 5.529, 347.736



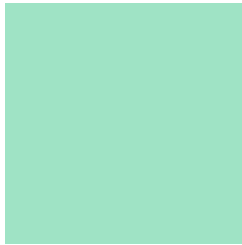
37, 63.920, 7.482



6, 25.934, 358.974

Previews

White Background



This preview shows how the CIELCh color 85, 28.645, 164.062 looks on a white background.

Color Contrast Check

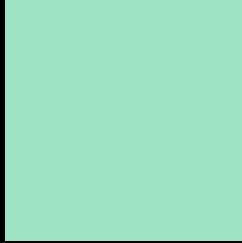
Large Text (above 18pt) WCAG AA × Fail

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, 28.645, 164.062 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

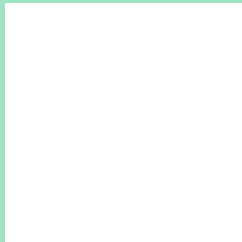
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 28.645, 164.062

Background



This preview shows how black text looks on a background with the CIELCh color 85, 28.645, 164.062.

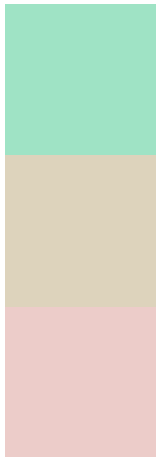


This preview shows how white text looks on a background with the CIELCh color 85, 28.645, 164.062.

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, 28.645, 164.062

Protanopia
85, 12.626, 91.610

Deuteranopia
85, 12.129, 27.670

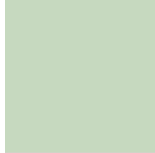


Tritanopia
85, 19.283, 226.185

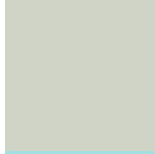
Trichromacy



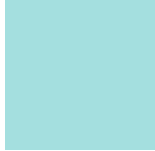
Original Color
85, 28.645, 164.062



Protanomaly
85, 15.386, 136.180



Deuteranomaly
84, 6.991, 121.756

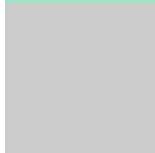


Tritanomaly
85, 19.588, 198.082

Monochromacy



Original Color
85, 28.645, 164.062



Achromatopsia
82, 0.010, 296.813



Achromatomaly
83, 10.777, 166.018

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 28.645, 164.062 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(159, 227, 197)` looks like.

```
.text, #text, p{  
    color:rgb(159, 227, 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(159, 227, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 227, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 28.645, 164.062 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(159, 227, 197) }
```

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

```
.border{ border-color:rgb(159, 227, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 227, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 227, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 227, 197);  
box-shadow:4px 4px 4px 4px rgb(159, 227,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 28.645, 164.062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 227, 197) }
```

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

```
.background{ background-color: rgb(159,  
227, 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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