

Converting Colors

CIELCh(85, 25.771, 165.609)

Have a look what the booklet for
CIELCh(85, 25.771, 165.609)
contains.

CIELCh(85, 25.789, 165.596)	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, 25.789, 165.596)

Conversions

Conversions Part 1

Format	Color
Hex	A3E1C7
RGB	163, 225, 199
RGB Percent	64%, 88%, 78%
CMY	0.3594, 0.1162, 0.2182
CMYK	0.28, 0.00, 0.12, 0.12
HSL	155°, 51%, 76%
HSV	155°, 28%, 88%
XYZ	52.5465, 66.0070, 64.2164
YIQ	203.4980, -28.6060, -21.2300

Conversions

Conversions Part 2

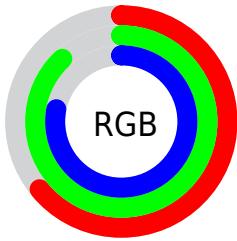
Format	Color
RYB	163, 202, 225
Decimal	10740167
CIELab	85.00, -24.98, 6.42
CIELCh	85, 25.789, 165.596
Yxy	66.0070, 0.2875, 0.3611
Android (android.graphics.Color)	4288930247 (0xFFA3E1C7)
YUV	203.4980, -2.2175, -35.5167
Hunter-Lab	81.2447, -26.7300, 10.0081

Details

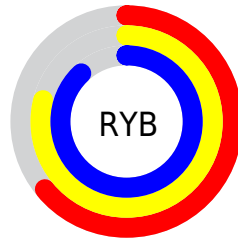
The CIELCh color **85, 25.789, 165.596** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **74, 27.114, 350.986**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 12.126, 198.696**, and **65, 25.426, 165.575** is the 20% darker color. If you saturate the color by 10%, you get **84, 34.712, 164.428**, and if you desaturate by 10%, it is **87, 16.546, 166.650**.

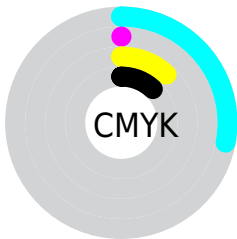
Distribution



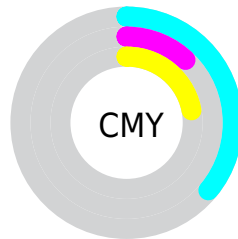
- Red (64%)
- Green (88%)
- Blue (78%)



- Red (64%)
- Yellow (79%)
- Blue (88%)



- Cyan (28%)
- Magenta (0%)
- Yellow (12%)
- Black (12%)





- Cyan (36%)
- Magenta (12%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 25.789, 165.596 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, 25.789, 165.596 by changing the saturation by 10% instead.


 85, 25.789,
165.596


 85, 25.789,
165.596


 100, 25.789,
165.596


 75, 25.789,
165.596

 65, 25.789,
165.596

 55, 25.789,
165.596

 45, 25.789,
165.596

 35, 25.789,
165.596


 25, 25.789,
165.596


 15, 25.789,

165.596


 5, 25.789, 165.596


 0, 25.789, 165.596


 85, 25.789,
165.596


 85, 25.789,
165.596

 84, 34.712,
164.428


 87, 16.546,
166.650


 83, 43.151,
163.126

 88, 7.121, 167.638


 82, 50.950,
161.661

 90, 2.359, 348.239

 81, 57.966,
160.009

 92, 11.798,
349.203

 80, 64.104,

 93, 15.213,
334.372

158.148

93, 18.535,
325.068

80, 69.334,
156.073

79, 73.735,
153.811

79, 74.766,
153.256

Harmonies

Complementary

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



85, 25.789, 165.596



74, 27.114, 350.986

Rectangle

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



85, 25.789, 165.596



85, 25.789, 215.596



85, 25.789, 345.596



85, 25.789, 35.596

Sweetspot

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



85, 25.790, 165.594



98, 8.377, 167.584



86, 34.837, 130.114



52, 5.952, 167.436



0, 0.000, 0.000



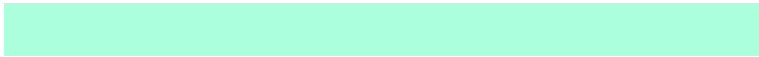
53, 0.007, 296.813

Same Dimension

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



85, 25.790, 165.594



94, 33.960, 164.944



85, 19.144, 204.713



46, 5.359, 167.448



63, 61.657, 153.668



17, 23.372, 158.111

Inverse Universe

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



74, 27.114, 350.986



79, 36.073, 351.705



74, 23.219, 26.833



44, 5.455, 349.030



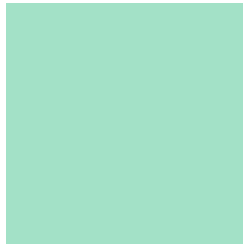
37, 64.012, 9.581



6, 25.796, 0.453

Previews

White Background



This preview shows how the CIE LCh color 85, 25.789, 165.596 looks on a white background.

Color Contrast Check

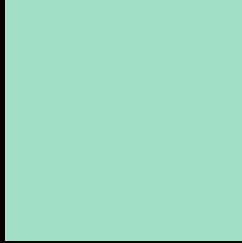
Large Text (above 18pt) WCAG AA × Fail

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, 25.789, 165.596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

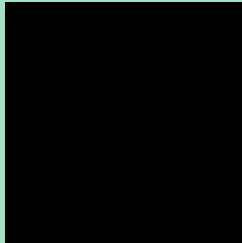
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

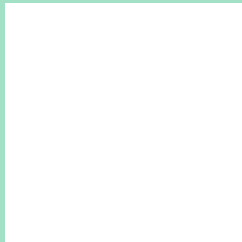
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 25.789, 165.596

Background



This preview shows how black text looks on a background with the CIELCh color 85, 25.789, 165.596.

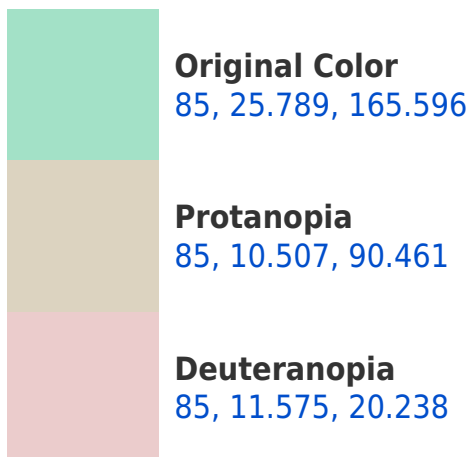


This preview shows how white text looks on a background with the CIELCh color 85, 25.789, 165.596.

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



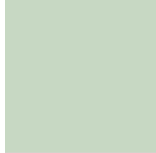


Tritanopia
85, 17.999, 228.456

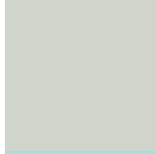
Trichromacy



Original Color
85, 25.789, 165.596



Protanomaly
85, 12.721, 138.659



Deuteranomaly
84, 5.369, 121.545

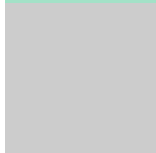


Tritanomaly
85, 18.034, 199.874

Monochromacy



Original Color
85, 25.789, 165.596



Achromatopsia
82, 0.010, 296.813



Achromatomaly
83, 9.880, 166.411

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 25.789, 165.596 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(163, 225, 199)` looks like.

```
.text, #text, p{  
    color:rgb(163, 225, 199)  
}
```

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(163, 225, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 225, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 25.789, 165.596 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(163, 225, 199) }
```

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

```
.border{ border-color:rgb(163, 225, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 225, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 225, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 225, 199);  
box-shadow:4px 4px 4px 4px rgb(163, 225,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 25.789, 165.596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 225, 199) }
```

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

```
.background{ background-color: rgb(163,  
225, 199) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor