

Converting Colors

CIELCh(85, 30.427, 158.970)

Have a look what the booklet for
CIELCh(85, 30.427, 158.970)
contains.

CIELCh(85, 30.449, 159.014)	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, 30.449, 159.014)

Conversions

Conversions Part 1

Format	Color
Hex	A0E3BF
RGB	160, 227, 191
RGB Percent	63%, 89%, 75%
CMY	0.3735, 0.1107, 0.2519
CMYK	0.30, 0.00, 0.16, 0.11
HSL	148°, 54%, 76%
HSV	148°, 30%, 89%
XYZ	51.2320, 66.0070, 59.1961
YIQ	202.8630, -28.3760, -25.4000

Conversions

Conversions Part 2

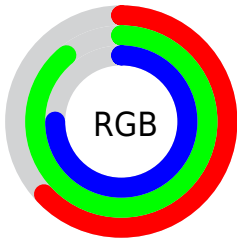
Format	Color
RYB	160, 206, 227
Decimal	10544063
CIELab	85.00, -28.43, 10.90
CIELCh	85, 30.449, 159.014
Yxy	66.0070, 0.2904, 0.3741
Android (android.graphics.Color)	4288734143 (0xFFA0E3BF)
YUV	202.8630, -5.8485, -37.5909
Hunter-Lab	81.2447, -29.6181, 13.6717

Details

The CIELCh color **85, 30.449, 159.014** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **73, 31.380, 344.329**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 13.979, 181.504**, and **65, 30.192, 159.612** is the 20% darker color. If you saturate the color by 10%, you get **84, 40.370, 157.860**, and if you desaturate by 10%, it is **87, 20.235, 160.036**.

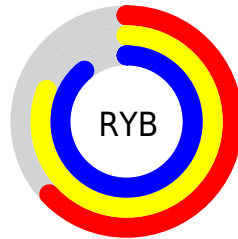
Distribution



Red (63%)

Green (89%)

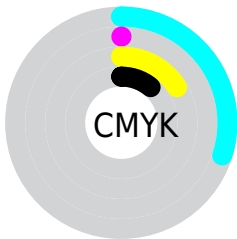
Blue (75%)



Red (63%)

Yellow (81%)

Blue (89%)

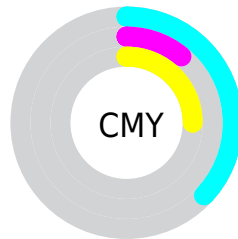


Cyan (30%)

Magenta (0%)

Yellow (16%)

Black (11%)



Cyan (37%)


Magenta (11%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 30.449, 159.014 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, 30.449, 159.014 by changing the saturation by 10% instead.


 85, 30.449,
159.014


 85, 30.449,
159.014


 100, 30.449,
159.014


 75, 30.449,
159.014

 65, 30.449,
159.014

 55, 30.449,
159.014

 45, 30.449,
159.014

 35, 30.449,
159.014

 25, 30.449,
159.014

 15, 30.449,

159.014

■ 5, 30.449, 159.014

■ 0, 30.449, 159.014

■ 85, 30.449,
159.014

■ 85, 30.449,
159.014

■ 84, 40.370,
157.860

■ 87, 20.235,
160.036

■ 82, 49.817,
156.551

■ 88, 9.881, 160.963

■ 82, 58.611,
155.061

■ 90, 0.479, 340.829

■ 92, 10.741,
342.424

■ 81, 66.594,
153.370

■ 93, 16.288,
328.438

■ 80, 73.648,

151.465

93, 17.655,
325.037

80, 79.732,
149.356

80, 84.954,
147.121

80, 85.183,
147.023

Harmonies

Complementary

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



85, 30.449, 159.014



73, 31.380, 344.329

Rectangle

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



85, 30.449, 159.014



85, 30.449, 209.014



85, 30.449, 339.014



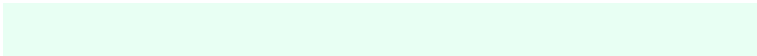
85, 30.449, 29.014

Sweetspot

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



85, 30.451, 159.013



98, 10.248, 161.006



87, 36.465, 125.875



52, 7.123, 160.875



0, 0.000, 0.000



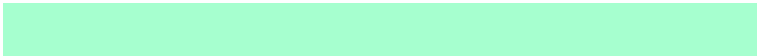
53, 0.007, 296.813

Same Dimension

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



85, 30.451, 159.013



93, 39.487, 158.375



86, 22.198, 193.331



46, 5.829, 160.972



63, 69.855, 147.436



17, 26.205, 151.898

Inverse Universe

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



73, 31.380, 344.329



78, 40.889, 344.948



72, 26.661, 18.045



44, 5.893, 342.416



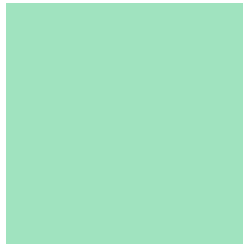
38, 64.708, 358.354



6, 26.844, 351.969

Previews

White Background



This preview shows how the CIELCh color 85, 30.449, 159.014 looks on a white background.

Color Contrast Check

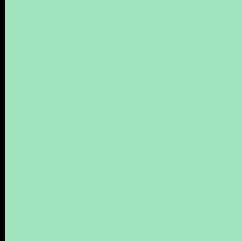
Large Text (above 18pt) WCAG AA × Fail

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, 30.449, 159.014 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

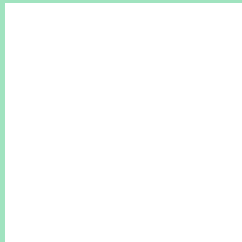
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 30.449, 159.014

Background



This preview shows how black text looks on a background with the CIELCh color 85, 30.449, 159.014.

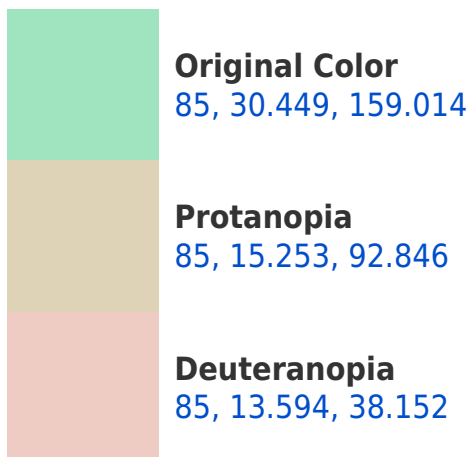


This preview shows how white text looks on a background with the CIELCh color 85, 30.449, 159.014.

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



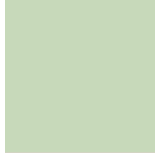


Tritanopia
85, 18.723, 229.032

Trichromacy



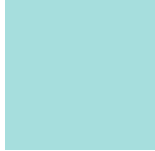
Original Color
85, 30.449, 159.014



Protanomaly
85, 17.606, 131.225



Deuteranomaly
84, 9.472, 113.869

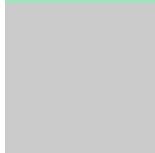


Tritanomaly
85, 18.756, 196.512

Monochromacy



Original Color
85, 30.449, 159.014



Achromatopsia
82, 0.010, 296.813



Achromatomaly
83, 11.418, 161.645

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 30.449, 159.014 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(160, 227, 191)` looks like.

```
.text, #text, p{  
    color:rgb(160, 227, 191)  
}
```

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(160, 227, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 227, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 30.449, 159.014 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(160, 227, 191) }
```

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

```
.border{ border-color:rgb(160, 227, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 227, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 227, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 227, 191);  
box-shadow:4px 4px 4px 4px rgb(160, 227,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 30.449, 159.014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 227, 191) }
```

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

```
.background{ background-color: rgb(160,  
227, 191) }
```

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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