

Converting Colors

CIELCh(85, 30.510, 161.969)

Have a look what the booklet for
CIELCh(85, 30.510, 161.969)
contains.

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Color

CIELCh(85, 30.168, 162.280)

Conversions

Conversions Part 1

Format	Color
Hex	9DE3C2
RGB	157, 227, 194
RGB Percent	62%, 89%, 76%
CMY	0.3843, 0.1098, 0.2392
CMYK	0.31, 0.00, 0.15, 0.11
HSL	152°, 56%, 75%
HSV	152°, 31%, 89%
XYZ	51.1160, 66.0070, 61.0904
YIQ	202.3080, -31.1270, -25.1030

Conversions

Conversions Part 2

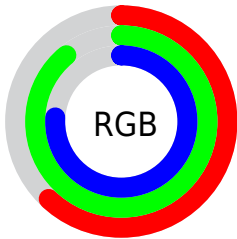
Format	Color
RYB	157, 203, 227
Decimal	10347458
CIELab	85.00, -28.74, 9.18
CIELCh	85, 30.168, 162.280
Yxy	66.0070, 0.2868, 0.3704
Android (android.graphics.Color)	4288537538 (0xFF9DE3C2)
YUV	202.3080, -4.0958, -39.7351
Hunter-Lab	81.2447, -29.8731, 12.2893

Details

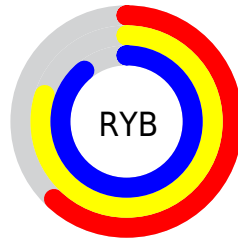
The CIELCh color **85, 30.168, 162.280** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **72, 31.524, 348.215**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.465, 188.311**, and **65, 30.207, 162.162** is the 20% darker color. If you saturate the color by 10%, you get **84, 39.455, 161.082**, and if you desaturate by 10%, it is **87, 20.535, 163.350**.

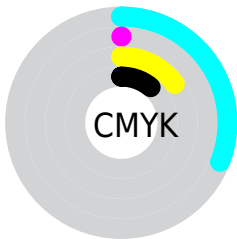
Distribution



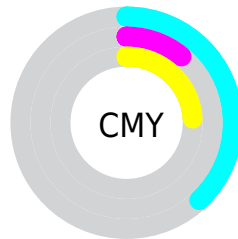
- Red (62%)
- Green (89%)
- Blue (76%)



- Red (62%)
- Yellow (80%)
- Blue (89%)



- Cyan (31%)
- Magenta (0%)
- Yellow (15%)
- Black (11%)





- Cyan (38%)
- Magenta (11%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 30.168, 162.280 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, 30.168, 162.280 by changing the saturation by 10% instead.


 85, 30.168,
162.280


 85, 30.168,
162.280


 100, 30.168,
162.280


 75, 30.168,
162.280

 65, 30.168,
162.280

 55, 30.168,
162.280

 45, 30.168,
162.280

 35, 30.168,
162.280


 25, 30.168,
162.280


 15, 30.168,


162.280


 5, 30.168, 162.280


 0, 30.168, 162.280


 85, 30.168,
162.280


 85, 30.168,
162.280

 84, 39.455,
161.082


 87, 20.535,
163.350

 83, 48.225,
159.732

 88, 10.708,
164.326


 82, 56.313,
158.204

 90, 0.820, 165.706

 81, 63.579,
156.475

 92, 9.022, 345.887

 80, 69.934,

 93, 14.521,
333.701

154.530

93, 17.497,
325.031

80, 75.366,
152.376

80, 79.675,
150.292

Harmonies

Complementary

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



85, 30.168, 162.280



72, 31.524, 348.215

Rectangle

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



85, 30.168, 162.280



85, 30.168, 212.280



85, 30.168, 342.280



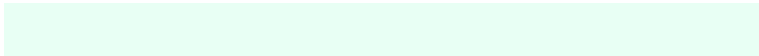
85, 30.168, 32.280

Sweetspot

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



85, 30.169, 162.279



98, 9.772, 164.494



86, 38.712, 128.218



52, 6.791, 164.355



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, 30.169, 162.279



93, 39.486, 161.529



86, 22.380, 199.493



47, 5.662, 164.456



64, 66.038, 150.688



18, 25.550, 154.913

Inverse Universe

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



72, 31.524, 348.215



77, 41.600, 349.006



72, 27.735, 23.243



45, 5.744, 345.985



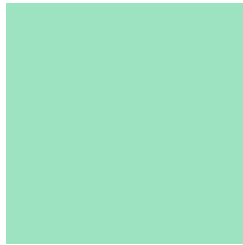
38, 64.644, 4.609



7, 27.354, 357.118

Previews

White Background



This preview shows how the CIELCh color 85, 30.168, 162.280 looks on a white background.

Color Contrast Check

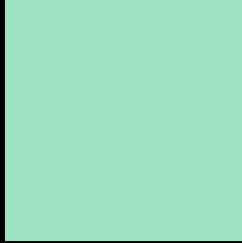
Large Text (above 18pt) WCAG AA × Fail

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, 30.168, 162.280 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

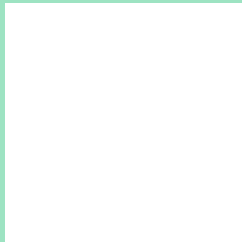
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 30.168, 162.280

Background



This preview shows how black text looks on a background with the CIELCh color 85, 30.168, 162.280.

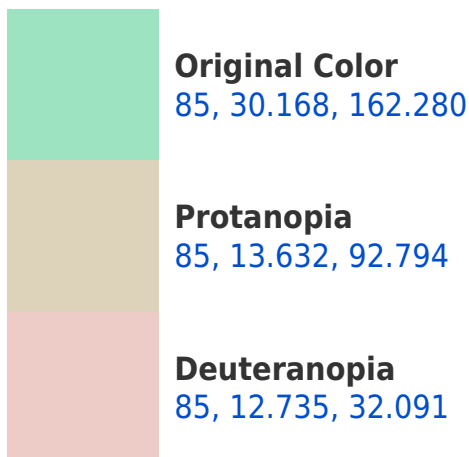



This preview shows how white text looks on a background with the CIELCh color 85, 30.168, 162.280.

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



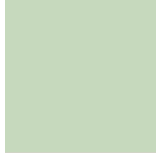


Tritanopia
85, 19.541, 225.773

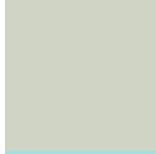
Trichromacy



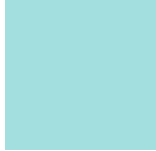
Original Color
85, 30.168, 162.280



Protanomaly
85, 16.327, 134.502



Deuteranomaly
84, 8.020, 120.124

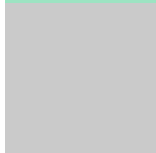


Tritanomaly
85, 19.954, 196.531

Monochromacy



Original Color
85, 30.168, 162.280



Achromatopsia
81, 0.010, 296.813



Achromatomaly
82, 11.100, 163.764

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 30.168, 162.280 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(157, 227, 194)` looks like.

```
.text, #text, p{  
    color:rgb(157, 227, 194)  
}
```

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(157, 227, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 227, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 30.168, 162.280 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(157, 227, 194) }
```

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

```
.border{ border-color:rgb(157, 227, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 227, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 227, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 227, 194); box-shadow:4px 4px 4px 4px rgb(157, 227, 194) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 30.168, 162.280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 227, 194) }
```

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

```
.background{ background-color: rgb(157,  
227, 194) }
```

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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