

Converting Colors

CIELCh(85, 29.564, 165.562)

Have a look what the booklet for
CIELCh(85, 29.564, 165.562)
contains.

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Color

CIELCh(85, 29.695, 165.282)

Conversions

Conversions Part 1

Format	Color
Hex	9BE3C5
RGB	155, 227, 197
RGB Percent	61%, 89%, 77%
CMY	0.3918, 0.1094, 0.2271
CMYK	0.32, 0.00, 0.13, 0.11
HSL	155°, 56%, 75%
HSV	155°, 32%, 89%
XYZ	51.1220, 66.0070, 62.9281
YIQ	202.0520, -33.2820, -24.5940

Conversions

Conversions Part 2

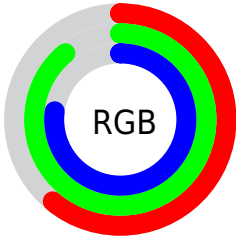
Format	Color
RYB	155, 200, 227
Decimal	10216389
CIELab	85.00, -28.72, 7.54
CIELCh	85, 29.695, 165.282
Yxy	66.0070, 0.2839, 0.3666
Android (android.graphics.Color)	4288406469 (0xFF9BE3C5)
YUV	202.0520, -2.4906, -41.2646
Hunter-Lab	81.2447, -29.8598, 10.9482

Details

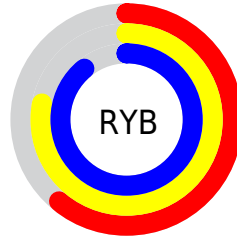
The CIELCh color $85, 29.695, 165.282$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $72, 31.482, 351.682$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 14.732, 196.522$, and $65, 29.649, 165.254$ is the 20% darker color. If you saturate the color by 10%, you get $84, 38.466, 164.059$, and if you desaturate by 10%, it is $86, 20.534, 166.381$.

Distribution



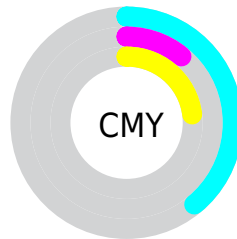
- Red (61%)
- Green (89%)
- Blue (77%)



- Red (61%)
- Yellow (78%)
- Blue (89%)



- Cyan (32%)
- Magenta (0%)
- Yellow (13%)
- Black (11%)





- Cyan (39%)
- Magenta (11%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 29.695, 165.282 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, 29.695, 165.282 by changing the saturation by 10% instead.


 85, 29.695,
165.282


 85, 29.695,
165.282


 100, 29.695,
165.282


 75, 29.695,
165.282

 65, 29.695,
165.282

 55, 29.695,
165.282

 45, 29.695,
165.282

 35, 29.695,
165.282


 25, 29.695,
165.282


 15, 29.695,


165.282


 5, 29.695, 165.282


 0, 29.695, 165.282


 85, 29.695,
165.282


 85, 29.695,
165.282

 84, 38.466,
164.059


 86, 20.534,
166.381

 83, 46.681,
162.691

 88, 11.130,
167.389


 82, 54.186,
161.150

 90, 1.618, 168.546

 81, 60.856,
159.412

 92, 7.891, 349.020

 81, 66.618,

 93, 13.365,
338.472

157.461

93, 16.972,
326.127

80, 71.483,
155.299

93, 17.440,
325.029

80, 74.981,
153.410

Harmonies

Complementary

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



85, 29.695, 165.282



72, 31.482, 351.682

Rectangle

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



85, 29.695, 165.282



85, 29.695, 215.282



85, 29.695, 345.282



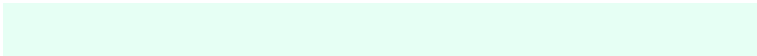
85, 29.695, 35.282

Sweetspot

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



85, 29.696, 165.281



98, 10.449, 167.550



86, 40.338, 129.907



52, 7.126, 167.412



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, 29.696, 165.281



93, 38.732, 164.498



84, 21.828, 204.666



47, 5.449, 167.609



64, 62.155, 153.806



18, 24.181, 157.993

Inverse Universe

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



72, 31.482, 351.682



76, 41.537, 352.570



72, 27.377, 27.207



45, 5.547, 349.198



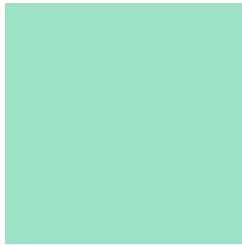
38, 64.722, 9.906



7, 26.991, 1.131

Previews

White Background



This preview shows how the CIE LCh color 85, 29.695, 165.282 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, 29.695, 165.282 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

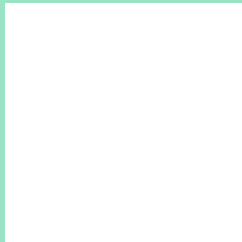
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 29.695, 165.282

Background



This preview shows how black text looks on a background with the CIELCh color 85, 29.695, 165.282.

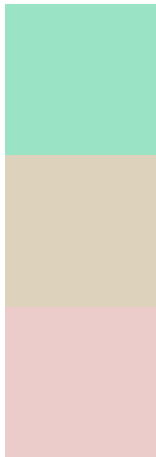


This preview shows how white text looks on a background with the CIELCh color 85, 29.695, 165.282.

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, 29.695, 165.282

Protanopia
85, 12.626, 91.610

Deuteranopia
85, 11.667, 25.363

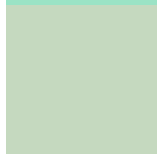


Tritanopia
85, 20.239, 226.422

Trichromacy



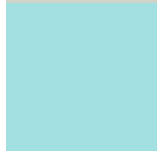
Original Color
85, 29.695, 165.282



Protanomaly
85, 15.563, 137.348



Deuteranomaly
84, 6.694, 128.840



Tritanomaly
85, 20.426, 199.517

Monochromacy



Original Color
85, 29.695, 165.282



Achromatopsia
81, 0.010, 296.813



Achromatomaly
82, 11.084, 166.956

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 29.695, 165.282 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(155, 227, 197)` looks like.

```
.text, #text, p{  
    color:rgb(155, 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(155, 227, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 227, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 29.695, 165.282 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(155, 227, 197) }
```

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

```
.border{ border-color:rgb(155, 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(155, 227, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 227, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 227, 197);  
box-shadow:4px 4px 4px 4px rgb(155, 227,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 29.695, 165.282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 227, 197) }
```

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

```
.background{ background-color: rgb(155,  
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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