

Converting Colors

CIELCh(84, 29.382, 176.469)

Have a look what the booklet for
CIELCh(84, 29.382, 176.469)
contains.

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Color

CIELCh(84, 29.507, 176.345)

Conversions

Conversions Part 1

Format	Color
Hex	8FE1CD
RGB	143, 225, 205
RGB Percent	56%, 88%, 80%
CMY	0.4394, 0.1178, 0.1963
CMYK	0.36, 0.00, 0.09, 0.12
HSL	165°, 58%, 72%
HSV	165°, 36%, 88%
XYZ	49.2458, 64.0658, 67.4984
YIQ	198.2020, -42.4520, -23.6040

Conversions

Conversions Part 2

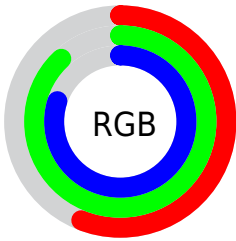
Format	Color
RYB	143, 190, 225
Decimal	9429453
CIELab	84.00, -29.45, 1.88
CIELCh	84, 29.507, 176.345
Yxy	64.0658, 0.2724, 0.3543
Android (android.graphics.Color)	4287619533 (0xFF8FE1CD)
YUV	198.2020, 3.3514, -48.4122
Hunter-Lab	80.0411, -30.2487, 6.0297

Details

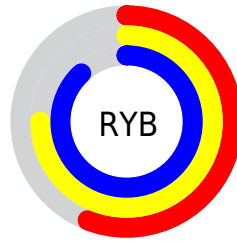
The CIELCh color **84, 29.507, 176.345** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **68, 33.742, 4.336**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 18.406, 198.288**, and **64, 29.322, 176.794** is the 20% darker color. If you saturate the color by 10%, you get **83, 36.530, 175.156**, and if you desaturate by 10%, it is **85, 21.899, 177.438**.

Distribution



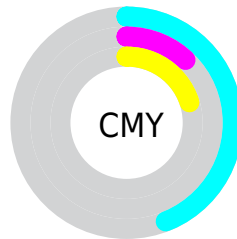
- Red (56%)
- Green (88%)
- Blue (80%)



- Red (56%)
- Yellow (75%)
- Blue (88%)



- Cyan (36%)
- Magenta (0%)
- Yellow (9%)
- Black (12%)



- Cyan (44%)
- Magenta (12%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 29.507, 176.345 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 84, 29.507, 176.345 by changing the saturation by 10% instead.


 84, 29.507,
176.345

 84, 29.507,
176.345


 100, 29.507,
176.345


 74, 29.507,
176.345

 64, 29.507,
176.345

 54, 29.507,
176.345

 44, 29.507,
176.345

 34, 29.507,
176.345

 24, 29.507,
176.345

 14, 29.507,

176.345

■ 4, 29.507, 176.345

■ 0, 29.507, 176.345

■ 84, 29.507,
176.345

■ 84, 29.507,
176.345

■ 83, 36.530,
175.156

■ 85, 21.899,
177.438

■ 82, 42.826,
173.855

■ 87, 13.847,
178.465

■ 81, 48.279,
172.416

■ 88, 5.491, 179.475

■ 81, 52.814,
170.813

■ 90, 3.049, 0.096

■ 92, 11.521, 0.808

■ 80, 56.424,

169.027

92, 12.682,
348.630

80, 59.188,
167.055

92, 14.325,
338.908

80, 60.064,
166.345

93, 16.305,
331.413

93, 18.513,
325.672

Harmonies

Complementary

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



84, 29.507, 176.345



68, 33.742, 4.336

Rectangle

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



84, 29.507, 176.345



84, 29.507, 226.345



84, 29.507, 356.345



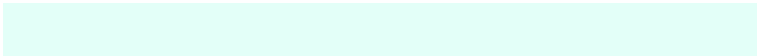
84, 29.507, 46.345

Sweetspot

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



84, 29.508, 176.343



98, 10.318, 179.001



84, 48.468, 135.404



52, 6.922, 178.865



0, 0.000, 0.000



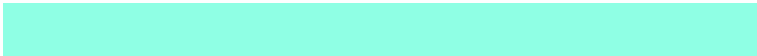
53, 0.007, 296.813

Same Dimension

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



84, 29.508, 176.343



93, 38.566, 175.420



79, 21.937, 228.397



46, 4.810, 179.165



64, 49.735, 166.705



17, 19.421, 170.490

Inverse Universe

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



68, 33.742, 4.336



72, 45.482, 5.739



72, 28.102, 44.295



44, 4.970, 0.800



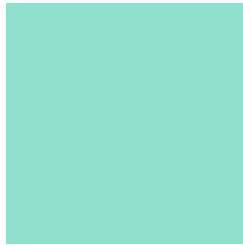
37, 68.326, 25.757



6, 25.293, 10.523

Previews

White Background



This preview shows how the CIE LCh color 84, 29.507, 176.345 looks on a white background.

Color Contrast Check

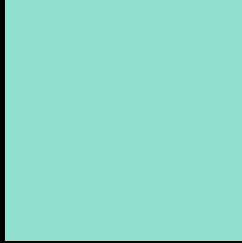
Large Text (above 18pt) WCAG AA × Fail

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 84, 29.507, 176.345 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

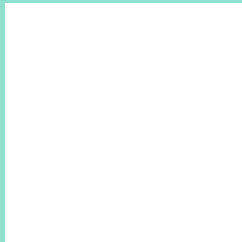
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 29.507, 176.345

Background



This preview shows how black text looks on a background with the CIELCh color 84, 29.507, 176.345.

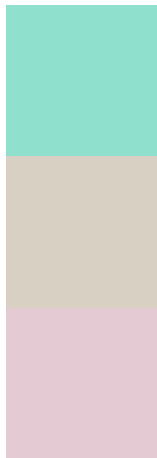


This preview shows how white text looks on a background with the CIELCh color 84, 29.507, 176.345.

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
84, 29.507, 176.345

Protanopia
84, 7.301, 88.572

Deuteranopia
84, 10.457, 356.481



Tritanopia
84, 23.251, 222.379

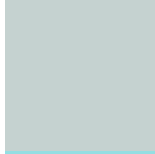
Trichromacy



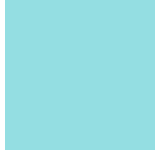
Original Color
84, 29.507, 176.345



Protanomaly
83, 12.094, 157.756



Deuteranomaly
83, 4.792, 186.424

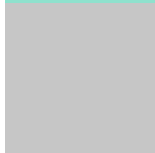


Tritanomaly
84, 23.734, 202.964

Monochromacy



Original Color
84, 29.507, 176.345



Achromatopsia
80, 0.010, 296.813



Achromatomaly
81, 11.357, 179.463

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 29.507, 176.345 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(143, 225, 205)` looks like.

```
.text, #text, p{  
    color:rgb(143, 225, 205)  
}
```

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(143, 225, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 225, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 29.507, 176.345 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(143, 225, 205) }
```

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

```
.border{ border-color:rgb(143, 225, 205) }
```

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

Here you see how a box with a 4 pixel rgb(143, 225, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 225, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 225, 205);  
box-shadow:4px 4px 4px 4px rgb(143, 225,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 29.507, 176.345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 225, 205) }
```

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

```
.background{ background-color: rgb(143,  
225, 205) }
```

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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