

Converting Colors

CIELCh(84, 28.053, 191.184)

Have a look what the booklet for
CIELCh(84, 28.053, 191.184)
contains.

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Color

CIElCh(84, 28.080, 190.972)

Conversions

Conversions Part 1

Format	Color
Hex	8AE1DB
RGB	138, 225, 219
RGB Percent	54%, 88%, 86%
CMY	0.4605, 0.1194, 0.1429
CMYK	0.39, 0.00, 0.03, 0.12
HSL	176°, 59%, 71%
HSV	176°, 39%, 88%
XYZ	49.9407, 64.0658, 76.4468
YIQ	198.3030, -49.9260, -20.3100

Conversions

Conversions Part 2

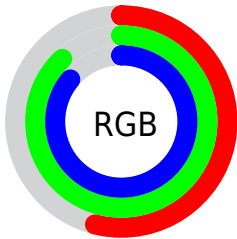
Format	Color
RYB	138, 183, 225
Decimal	9101787
CIELab	84.00, -27.57, -5.34
CIELCh	84, 28.080, 190.972
Yxy	64.0658, 0.2622, 0.3364
Android (android.graphics.Color)	4287291867 (0xFF8AE1DB)
YUV	198.3030, 10.2036, -52.8857
Hunter-Lab	80.0411, -28.6989, -0.5988

Details

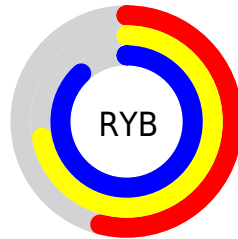
The CIELCh color **84, 28.080, 190.972** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **67, 35.611, 17.975**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 19.614, 198.212**, and **64, 27.897, 191.273** is the 20% darker color. If you saturate the color by 10%, you get **83, 33.775, 190.262**, and if you desaturate by 10%, it is **85, 21.622, 191.678**.

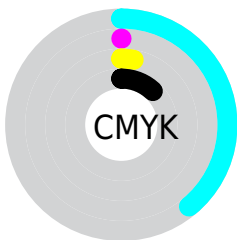
Distribution



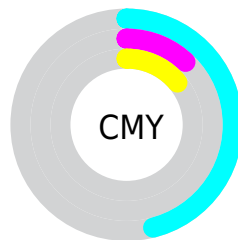
- Red (54%)
- Green (88%)
- Blue (86%)



- Red (54%)
- Yellow (72%)
- Blue (88%)



- Cyan (39%)
- Magenta (0%)
- Yellow (3%)
- Black (12%)



- Cyan (46%)
- Magenta (12%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 28.080, 190.972 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, 28.080, 190.972 by changing the saturation by 10% instead.

 84, 28.080,
190.972

 84, 28.080,
190.972

 100, 28.080,
190.972


 74, 28.080,
190.972

 64, 28.080,
190.972

 54, 28.080,
190.972

 44, 28.080,
190.972

 34, 28.080,
190.972

 24, 28.080,
190.972

 14, 28.080,

190.972

■ 4, 28.080, 190.972

■ 0, 28.080, 190.972

■ 84, 28.080,
190.972

■ 84, 28.080,
190.972

■ 83, 33.775,
190.262

■ 85, 21.622,
191.678

■ 82, 38.591,
189.547

■ 86, 14.530,
192.397

■ 82, 42.445,
188.814

■ 88, 6.940, 193.150

■ 81, 45.305,
188.049

■ 90, 1.021, 13.199

■ 91, 9.240, 14.429

■ 81, 47.203,

187.236

92, 11.211, 11.483

81, 48.288,
186.367

92, 11.334, 7.495

81, 48.403,
186.257

92, 11.513, 3.612

92, 11.744,
359.867

Harmonies

Complementary

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



84, 28.080, 190.972



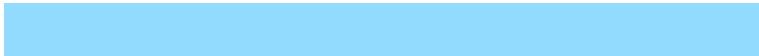
67, 35.611, 17.975

Rectangle

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



84, 28.080, 190.972



84, 28.080, 240.972



84, 28.080, 10.972



84, 28.080, 60.972

Sweetspot

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



84, 28.080, 190.969



98, 10.486, 192.890



83, 54.089, 139.618



52, 6.934, 192.790



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, 28.080, 190.969



93, 35.751, 190.433



74, 24.606, 251.995



46, 4.499, 193.094



65, 40.293, 186.409



17, 16.367, 187.950

Inverse Universe

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



67, 35.611, 17.975



70, 47.806, 19.382



75, 29.188, 61.828



44, 4.740, 14.360



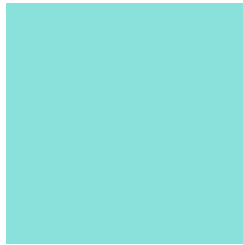
36, 76.264, 37.151



6, 25.393, 18.038

Previews

White Background



This preview shows how the CIE LCh color 84, 28.080, 190.972 looks on a white background.

Color Contrast Check

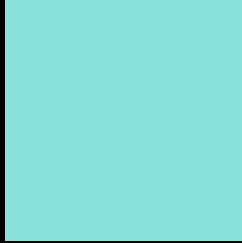
Large Text (above 18pt) WCAG AA × Fail

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, 28.080, 190.972 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, 28.080, 190.972

Background



This preview shows how black text looks on a background with the CIELCh color 84, 28.080, 190.972.



This preview shows how white text looks on a background with the CIELCh color 84, 28.080, 190.972.

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
84, 25.432, 220.040

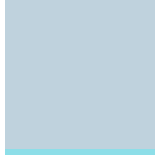
Trichromacy



Original Color
84, 28.080, 190.972



Protanomaly
83, 9.835, 195.660



Deuteranomaly
83, 8.672, 241.317

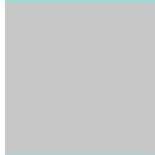


Tritanomaly
84, 25.585, 209.773

Monochromacy



Original Color
84, 28.080, 190.972



Achromatopsia
80, 0.010, 296.813



Achromatomaly
81, 11.388, 190.538

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 28.080, 190.972 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(138, 225, 219)` looks like.

```
.text, #text, p{  
    color:rgb(138, 225, 219)  
}
```

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(138, 225, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 225, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 28.080, 190.972 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(138, 225, 219) }
```

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

```
.border{ border-color:rgb(138, 225, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 225, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 225, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 225, 219);  
box-shadow:4px 4px 4px 4px rgb(138, 225,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 28.080, 190.972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 225, 219) }
```

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

```
.background{ background-color: rgb(138,  
225, 219) }
```

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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