

Converting Colors

CIELCh(84, 27.969, 202.681)

Have a look what the booklet for
CIELCh(84, 27.969, 202.681)
contains.

CIELCh(84, 27.878, 203.041)	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(84, 27.878, 203.041)

Conversions

Conversions Part 1

Format	Color
Hex	86E0E5
RGB	134, 224, 229
RGB Percent	53%, 88%, 90%
CMY	0.4743, 0.1214, 0.1018
CMYK	0.41, 0.02, 0.00, 0.10
HSL	183°, 65%, 71%
HSV	183°, 41%, 90%
XYZ	50.6544, 64.0658, 83.8561
YIQ	197.6600, -55.2450, -17.5250

Conversions

Conversions Part 2

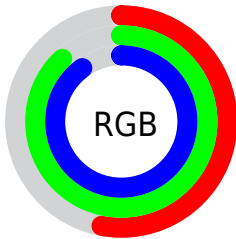
Format	Color
RYB	134, 180, 229
Decimal	8839397
CIELab	84.00, -25.65, -10.91
CIELCh	84, 27.878, 203.041
Yxy	64.0658, 0.2551, 0.3226
Android (android.graphics.Color)	4287029477 (0xFF86E0E5)
YUV	197.6600, 15.4506, -55.8298
Hunter-Lab	80.0411, -27.1074, -6.0872

Details

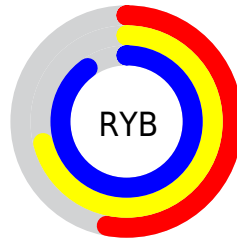
The CIELCh color **84, 27.878, 203.041** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **67, 37.884, 27.240**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 20.805, 198.137**, and **64, 28.083, 202.886** is the 20% darker color. If you saturate the color by 10%, you get **83, 32.791, 203.043**, and if you desaturate by 10%, it is **85, 22.133, 203.152**.

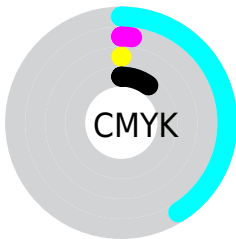
Distribution



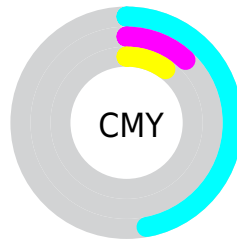
- Red (53%)
- Green (88%)
- Blue (90%)



- Red (53%)
- Yellow (71%)
- Blue (90%)



- Cyan (41%)
- Magenta (2%)
- Yellow (0%)
- Black (10%)





- Cyan (47%)
- Magenta (12%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 27.878, 203.041 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, 27.878, 203.041 by changing the saturation by 10% instead.


 84, 27.878,
203.041


 84, 27.878,
203.041


 100, 27.878,
203.041


 74, 27.878,
203.041

 64, 27.878,
203.041

 54, 27.878,
203.041

 44, 27.878,
203.041

 34, 27.878,
203.041

 24, 27.878,
203.041

 14, 27.878,

203.041

■ 4, 27.878, 203.041

■ 0, 27.878, 203.041

■ 84, 27.878,
203.041

■ 84, 27.878,
203.041

■ 83, 32.791,
203.043

■ 85, 22.133,
203.152

■ 82, 36.771,
203.185

■ 87, 15.677,
203.370

■ 81, 39.755,
203.481

■ 89, 8.638, 203.689

■ 80, 41.733,
203.948

■ 91, 1.138, 204.511

■ 93, 6.710, 24.282

■ 80, 42.763,

204.599

94, 8.694, 27.472

79, 43.066,
205.281

94, 8.367, 32.011

94, 8.097, 36.885

94, 7.890, 42.052

Harmonies

Complementary

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



84, 27.878, 203.041



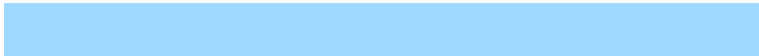
67, 37.884, 27.240

Rectangle

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



84, 27.878, 203.041



84, 27.878, 253.041



84, 27.878, 23.041



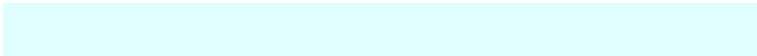
84, 27.878, 73.041

Sweetspot

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



84, 27.878, 203.038



97, 9.838, 203.667



83, 58.227, 142.549



52, 6.501, 203.619



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, 27.878, 203.038



91, 34.985, 203.036



71, 30.745, 268.012



47, 4.305, 203.771



63, 35.774, 205.127



17, 15.158, 203.690

Inverse Universe

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



69, 57.977, 328.196



72, 74.997, 328.651



78, 33.369, 75.181



45, 8.014, 326.392



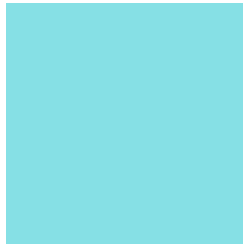
42, 84.864, 330.435



8, 35.839, 330.079

Previews

White Background



This preview shows how the CIE LCh color 84, 27.878, 203.041 looks on a white background.

Color Contrast Check

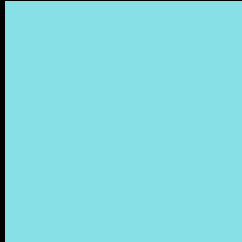
Large Text (above 18pt) WCAG AA × Fail

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, 27.878, 203.041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

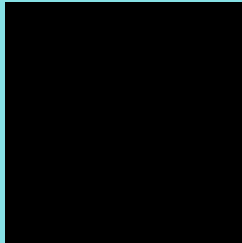
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 27.878, 203.041

Background



This preview shows how black text looks on a background with the CIELCh color 84, 27.878, 203.041.




This preview shows how white text looks on a background with the CIELCh color 84, 27.878, 203.041.

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](#).

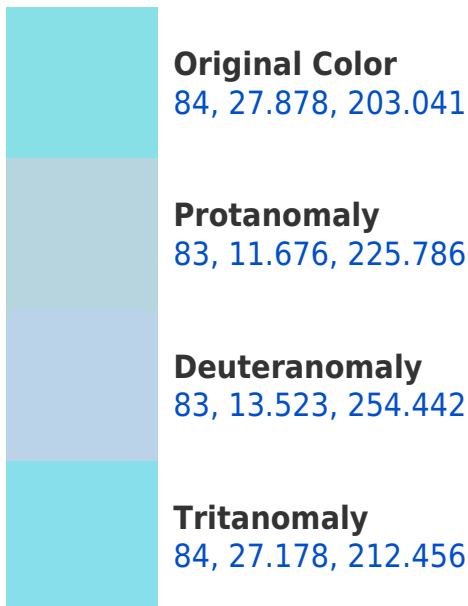
Dichromacy



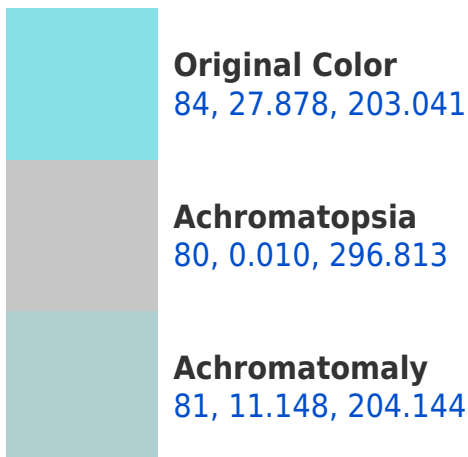


Tritanopia
84, 27.075, 218.526

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 27.878, 203.041 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(134, 224, 229)` looks like.

```
.text, #text, p{  
    color:rgb(134, 224, 229)  
}
```

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(134, 224, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 224, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 27.878, 203.041 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(134, 224, 229) }
```

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

```
.border{ border-color:rgb(134, 224, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 224, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 224, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 224, 229);  
box-shadow:4px 4px 4px 4px rgb(134, 224,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 27.878, 203.041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 224, 229) }
```

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

```
.background{ background-color: rgb(134,  
224, 229) }
```

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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