

Converting Colors

CIELCh(84, 26.634, 197.608)

Have a look what the booklet for
CIELCh(84, 26.634, 197.608)
contains.

CIELCh(84, 26.634, 197.608)	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, 26.634, 197.608)

Conversions

Conversions Part 1

Format	Color
Hex	8CE0E0
RGB	140, 224, 224
RGB Percent	55%, 88%, 88%
CMY	0.4521, 0.1227, 0.1227
CMYK	0.38, 0.00, 0.00, 0.12
HSL	180°, 57%, 71%
HSV	180°, 38%, 88%
XYZ	50.7548, 64.0658, 80.0000
YIQ	198.8840, -50.0640, -17.8080

Conversions

Conversions Part 2

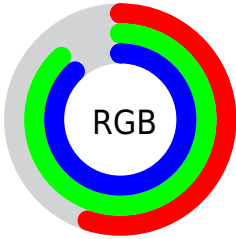
Format	Color
RYB	140, 182, 224
Decimal	9232608
CIELab	84.00, -25.39, -8.06
CIELCh	84, 26.634, 197.608
Yxy	64.0658, 0.2605, 0.3288
Android (android.graphics.Color)	4287422688 (0xFF8CE0E0)
YUV	198.8840, 12.3822, -51.6413
Hunter-Lab	80.0411, -26.8833, -3.2308

Details

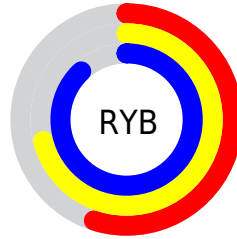
The CIELCh color **84, 26.634, 197.608** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **67, 34.709, 22.948**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 19.012, 198.250**, and **64, 26.770, 197.184** is the 20% darker color. If you saturate the color by 10%, you get **83, 32.105, 197.242**, and if you desaturate by 10%, it is **85, 20.365, 198.031**.

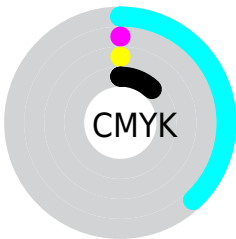
Distribution



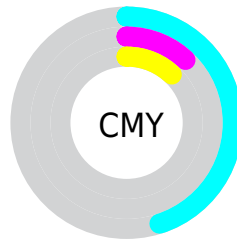
- Red (55%)
- Green (88%)
- Blue (88%)



- Red (55%)
- Yellow (71%)
- Blue (88%)



- Cyan (38%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)



- Cyan (45%)
- Magenta (12%)
- Yellow (12%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 26.634, 197.608 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, 26.634, 197.608 by changing the saturation by 10% instead.

 84, 26.634,
197.608

 84, 26.634,
197.608

 100, 26.634,
197.608

 74, 26.634,
197.608

 64, 26.634,
197.608

 54, 26.634,
197.608

 44, 26.634,
197.608

 34, 26.634,
197.608

 24, 26.634,
197.608

 14, 26.634,

197.608

■ 4, 26.634, 197.608

■ 0, 26.634, 197.608

■ 84, 26.634,
197.608

■ 84, 26.634,
197.608

■ 83, 32.105,
197.242

■ 85, 20.365,
198.031

■ 82, 36.672,
196.943

■ 86, 13.421,
198.518

■ 82, 40.261,
196.711

■ 88, 5.933, 199.091

■ 81, 42.850,
196.546

■ 89, 1.973, 19.240

■ 91, 10.184, 20.068

■ 81, 44.475,

196.443

92, 11.467, 20.166

81, 45.261,
196.393

92, 11.467, 20.165

81, 45.395,
196.385

92, 11.467, 20.165

92, 11.467, 20.164

Harmonies

Complementary

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



84, 26.634, 197.608



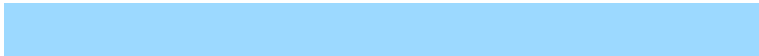
67, 34.709, 22.948

Rectangle

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



84, 26.634, 197.608



84, 26.634, 247.608



84, 26.634, 17.608



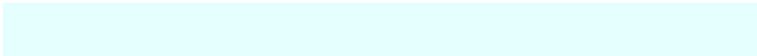
84, 26.634, 67.608

Sweetspot

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



84, 26.634, 197.605



98, 9.531, 198.872



82, 53.401, 141.266



52, 6.380, 198.794



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, 26.634, 197.605



94, 34.186, 197.317



73, 25.357, 259.884



46, 4.454, 198.970



65, 37.940, 196.385



17, 15.585, 196.385

Inverse Universe

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



67, 34.709, 22.948



71, 47.454, 24.250



76, 28.543, 69.005



44, 4.728, 19.932



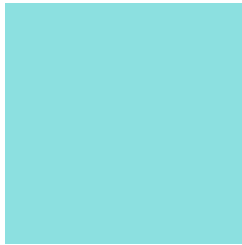
36, 79.113, 39.952



6, 25.541, 20.938

Previews

White Background



This preview shows how the CIELCh color 84, 26.634, 197.608 looks on a white background.

Color Contrast Check

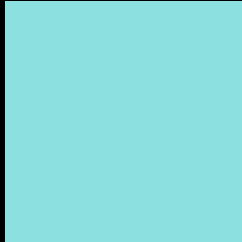
Large Text (above 18pt) WCAG AA × Fail

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, 26.634, 197.608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

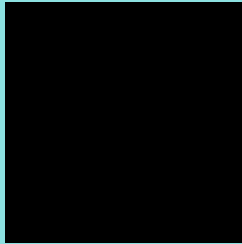
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 26.634, 197.608

Background



This preview shows how black text looks on a background with the CIELCh color 84, 26.634, 197.608.

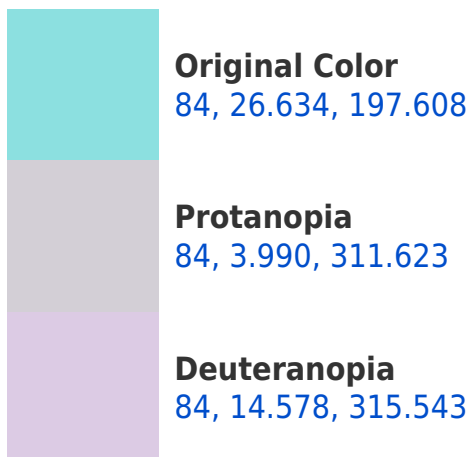


This preview shows how white text looks on a background with the CIELCh color 84, 26.634, 197.608.

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, 25.193, 220.274

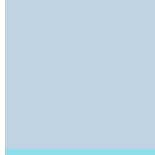
Trichromacy



Original Color
84, 26.634, 197.608



Protanomaly
83, 9.973, 214.207



Deuteranomaly
84, 10.336, 249.307

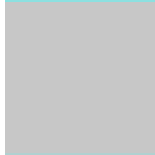


Tritanomaly
84, 25.366, 211.138

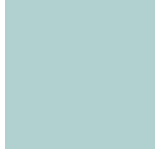
Monochromacy



Original Color
84, 26.634, 197.608



Achromatopsia
80, 0.010, 296.813



Achromatomaly
81, 10.832, 198.662

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 26.634, 197.608 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(140, 224, 224)` looks like.

```
.text, #text, p{  
    color:rgb(140, 224, 224)  
}
```

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(140, 224, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 224, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 26.634, 197.608 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(140, 224, 224) }
```

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

```
.border{ border-color:rgb(140, 224, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 224, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 224, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 224, 224);  
box-shadow:4px 4px 4px 4px rgb(140, 224,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 26.634, 197.608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 224, 224) }
```

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

```
.background{ background-color: rgb(140,  
224, 224) }
```

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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