

Converting Colors

CIELCh(84, 49.550, 178.261)

Have a look what the booklet for
CIELCh(84, 49.550, 178.261)
contains.

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Color

CIELCh(84, 49.635, 178.086)

Conversions

Conversions Part 1

Format	Color
Hex	3CEACD
RGB	60, 234, 205
RGB Percent	24%, 92%, 80%
CMY	0.7660, 0.0832, 0.1969
CMYK	0.74, 0.00, 0.12, 0.08
HSL	170°, 80%, 58%
HSV	170°, 74%, 92%
XYZ	42.1952, 64.0658, 67.7639
YIQ	178.6680, -94.3950, -45.9070

Conversions

Conversions Part 2

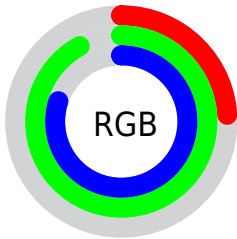
Format	Color
RYB	60, 155, 234
Decimal	3992269
CIELab	84.00, -49.61, 1.66
CIElCh	84, 49.635, 178.086
Yxy	64.0658, 0.2425, 0.3681
Android (android.graphics.Color)	4282182349 (0xFF3CEACD)
YUV	178.6680, 12.9817, -104.0718
Hunter-Lab	80.0411, -45.9722, 5.8331

Details

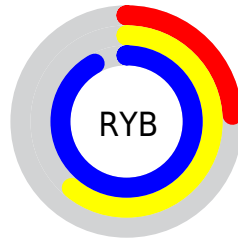
The CIELCh color **84, 49.635, 178.086** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **53, 71.463, 20.417**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 36.016, 197.208**, and **65, 44.208, 176.633** is the 20% darker color. If you saturate the color by 10%, you get **84, 52.785, 176.635**, and if you desaturate by 10%, it is **85, 45.495, 179.396**.

Distribution



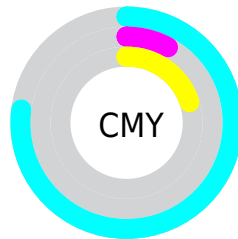
- Red (24%)
- Green (92%)
- Blue (80%)



- Red (24%)
- Yellow (61%)
- Blue (92%)



- Cyan (74%)
- Magenta (0%)
- Yellow (12%)
- Black (8%)



- Cyan (77%)
- Magenta (8%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 49.635, 178.086 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, 49.635, 178.086 by changing the saturation by 10% instead.

 84, 49.635,
178.086

 84, 49.635,
178.086

 100, 49.635,
178.086

 74, 49.635,
178.086

 64, 49.635,
178.086

 54, 49.635,
178.086

 44, 49.635,
178.086

 34, 49.635,
178.086

 24, 49.635,
178.086

 14, 49.635,

178.086

■ 4, 49.635, 178.086

■ 0, 49.635, 178.086

■ 84, 49.635,
178.086

■ 84, 49.635,
178.086

■ 84, 52.785,
176.635

■ 85, 45.495,
179.396

■ 83, 55.016,
175.031

■ 85, 40.377,
180.590

■ 83, 55.981,
174.103

■ 86, 34.355,
181.689

■ 87, 27.546,
182.716

■ 89, 20.089,

183.686

■ 90, 12.131,
184.622

■ 92, 3.809, 185.606

■ 94, 4.752, 6.178

■ 94, 8.210, 357.755

Harmonies

Complementary

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



84, 49.635, 178.086



53, 71.463, 20.417

Rectangle

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



84, 49.635, 178.086



84, 49.635, 228.086



84, 49.635, 358.086



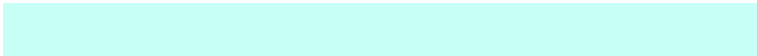
84, 49.635, 48.086

Sweetspot

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



84, 49.635, 178.085



96, 19.477, 183.911



82, 96.764, 135.125



51, 13.005, 183.653



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, 49.635, 178.085



90, 57.663, 175.862



68, 40.502, 250.867



48, 4.812, 185.091



66, 46.071, 174.403



19, 19.147, 177.150

Inverse Universe

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



53, 71.463, 20.417



55, 88.589, 27.318



62, 65.544, 51.325



46, 5.015, 6.639



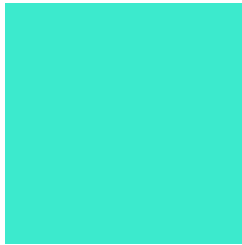
38, 73.413, 31.772



7, 27.974, 15.857

Previews

White Background



This preview shows how the CIELCh color 84, 49.635, 178.086 looks on a white background.

Color Contrast Check

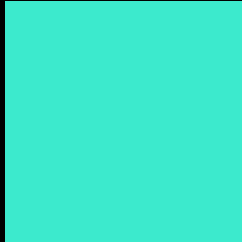
Large Text (above 18pt) WCAG AA × Fail

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, 49.635, 178.086 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

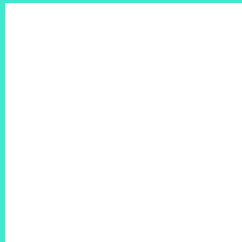
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 49.635, 178.086

Background



This preview shows how black text looks on a background with the CIELCh color 84, 49.635, 178.086.

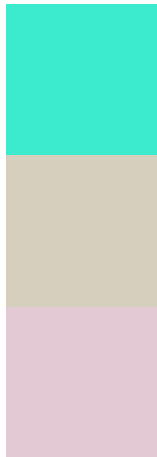


This preview shows how white text looks on a background with the CIELCh color 84, 49.635, 178.086.

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, 49.635, 178.086

Protanopia
83, 9.424, 90.713

Deuteranopia
83, 10.851, 347.961

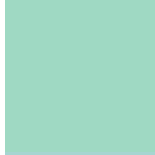


Tritanopia
84, 38.351, 211.564

Trichromacy



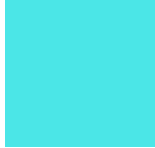
Original Color
84, 49.635, 178.086



Protanomaly
82, 23.592, 168.122



Deuteranomaly
82, 16.326, 190.755

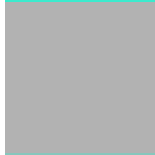


Tritanomaly
84, 40.975, 197.474

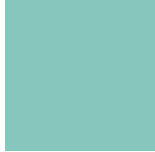
Monochromacy



Original Color
84, 49.635, 178.086



Achromatopsia
73, 0.009, 296.813



Achromatomaly
76, 22.309, 183.656

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 49.635, 178.086 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(60, 234, 205)` looks like.

```
.text, #text, p{  
    color:rgb(60, 234, 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(60, 234, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 234, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 49.635, 178.086 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(60, 234, 205) }
```

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

```
.border{ border-color:rgb(60, 234, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 234, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 234, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 234, 205);  
box-shadow:4px 4px 4px 4px rgb(60, 234,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 49.635, 178.086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 234, 205) }
```

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

```
.background{ background-color: rgb(60, 234,  
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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