

Converting Colors

CIELCh(81, 34.887, 211.022)

Have a look what the booklet for
CIELCh(81, 34.887, 211.022)
contains.

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Color

CIELCh(81, 34.850, 211.476)

Conversions

Conversions Part 1

Format	Color
Hex	5EDAEA
RGB	94, 218, 234
RGB Percent	37%, 85%, 92%
CMY	0.6313, 0.1450, 0.0823
CMYK	0.60, 0.07, 0.00, 0.08
HSL	187°, 77%, 64%
HSV	187°, 60%, 92%
XYZ	44.5455, 58.4711, 86.7893
YIQ	182.7480, -79.0400, -21.3120

Conversions

Conversions Part 2

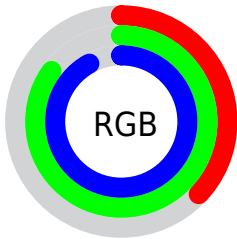
Format	Color
RYB	94, 160, 234
Decimal	6216426
CIELab	81.00, -29.72, -18.20
CIELCh	81, 34.850, 211.476
Yxy	58.4711, 0.2347, 0.3081
Android (android.graphics.Color)	4284406506 (0xFF5EDA EA)
YUV	182.7480, 25.2672, -77.8320
Hunter-Lab	76.4664, -29.8311, -13.7677

Details

The CIELCh color **81, 34.850, 211.476** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **61, 56.590, 34.326**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 30.407, 197.545**, and **61, 34.539, 211.036** is the 20% darker color. If you saturate the color by 10%, you get **80, 37.872, 212.439**, and if you desaturate by 10%, it is **83, 30.864, 210.789**.

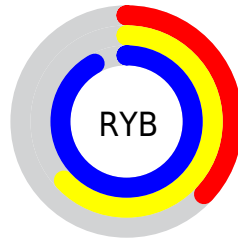
Distribution



Red (37%)

Green (85%)

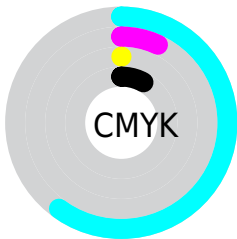
Blue (92%)



Red (37%)

Yellow (63%)

Blue (92%)

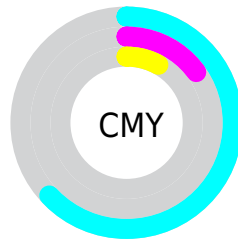


Cyan (60%)

Magenta (7%)

Yellow (0%)

Black (8%)



Cyan (63%)


Magenta (15%)


Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 34.850, 211.476 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 81, 34.850, 211.476 by changing the saturation by 10% instead.


 81, 34.850,
211.476

 81, 34.850,
211.476


 100, 34.850,
211.476


 71, 34.850,
211.476

 61, 34.850,
211.476

 51, 34.850,
211.476

 41, 34.850,
211.476

 31, 34.850,
211.476

 21, 34.850,
211.476

 11, 34.850,

211.476

■ 1, 34.850, 211.476

■ 0, 34.850, 211.476

■ 81, 34.850,
211.476

■ 81, 34.850,
211.476

■ 80, 37.872,
212.439

■ 83, 30.864,
210.789

■ 78, 39.911,
213.731

■ 84, 25.991,
210.338

■ 77, 41.012,
215.395

■ 86, 20.334,
210.080

■ 77, 41.374,
217.421

■ 88, 14.014,
209.984

■ 76, 41.378,

■ 90, 7.154, 210.039

217.458

 93, 0.133, 25.359

 95, 6.724, 31.681

 96, 6.248, 45.801

 96, 6.198, 61.126

Harmonies

Complementary

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



81, 34.850, 211.476



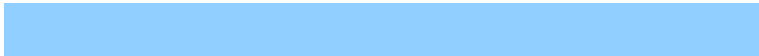
61, 56.590, 34.326

Rectangle

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



81, 34.850, 211.476



81, 34.850, 261.476



81, 34.850, 31.476



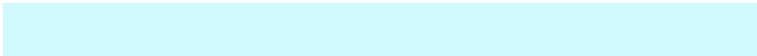
81, 34.850, 81.476

Sweetspot

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



81, 34.849, 211.475



96, 13.721, 209.982



83, 79.996, 141.735



50, 9.444, 209.988



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 34.849, 211.475



86, 41.060, 212.731



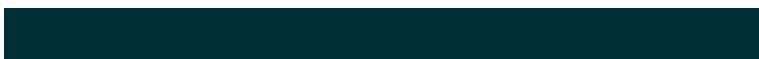
62, 48.373, 277.875



48, 4.150, 210.045



60, 34.183, 217.068



17, 14.809, 213.678

Inverse Universe

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



62, 78.039, 331.248



63, 95.037, 331.945



76, 51.352, 77.198



46, 7.819, 328.239



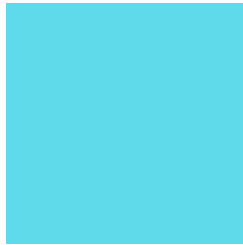
42, 81.716, 333.367



9, 35.452, 332.535

Previews

White Background



This preview shows how the CIE LCh color 81, 34.850, 211.476 looks on a white background.

Color Contrast Check

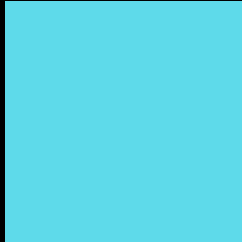
Large Text (above 18pt) WCAG AA × Fail

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 81, 34.850, 211.476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

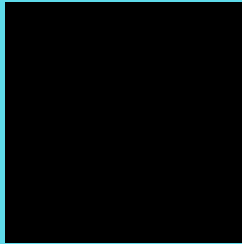
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 34.850, 211.476

Background



This preview shows how black text looks on a background with the CIELCh color 81, 34.850, 211.476.



This preview shows how white text looks on a background with the CIELCh color 81, 34.850, 211.476.

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](#).

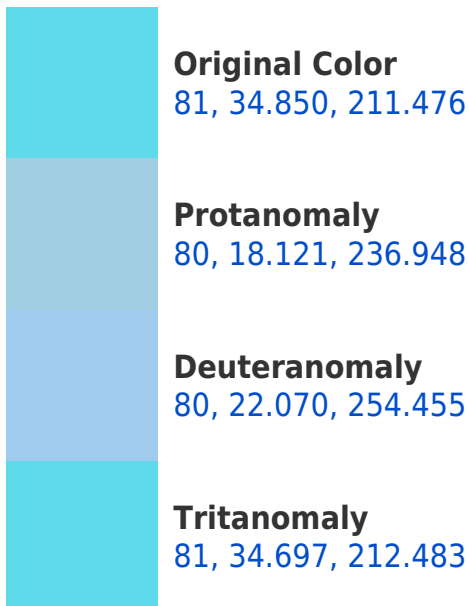
Dichromacy





Tritanopia
81, 34.697, 212.483

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 34.850, 211.476 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(94, 218, 234)` looks like.

```
.text, #text, p{  
    color:rgb(94, 218, 234)  
}
```

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(94, 218, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 218, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 34.850, 211.476 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(94, 218, 234) }
```

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

```
.border{ border-color:rgb(94, 218, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 218, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 218, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 218, 234);  
box-shadow:4px 4px 4px 4px rgb(94, 218,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 34.850, 211.476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 218, 234) }
```

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

```
.background{ background-color: rgb(94, 218,  
234) }
```

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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