

Converting Colors

CIELCh(84, 41.513, 200.510)

Have a look what the booklet for
CIELCh(84, 41.513, 200.510)
contains.

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Color

CIELCh(84, 41.355, 201.183)

Conversions

Conversions Part 1

Format	Color
Hex	44E6EC
RGB	68, 230, 236
RGB Percent	27%, 90%, 93%
CMY	0.7317, 0.0969, 0.0734
CMYK	0.71, 0.03, 0.00, 0.07
HSL	182°, 82%, 60%
HSV	182°, 71%, 93%
XYZ	45.9685, 64.0658, 89.5122
YIQ	182.2460, -98.4780, -32.4780

Conversions

Conversions Part 2

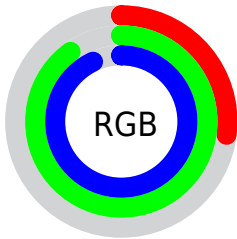
Format	Color
RYB	68, 150, 236
Decimal	4515564
CIELab	84.00, -38.56, -14.94
CIELCh	84, 41.355, 201.183
Yxy	64.0658, 0.2304, 0.3211
Android (android.graphics.Color)	4282705644 (0xFF44E6EC)
YUV	182.2460, 26.5007, -100.1937
Hunter-Lab	80.0411, -37.5573, -10.2769

Details

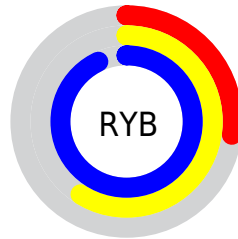
The CIELCh color **84, 41.355, 201.183** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **55, 72.975, 32.477**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 34.470, 197.301**, and **65, 36.860, 201.767** is the 20% darker color. If you saturate the color by 10%, you get **83, 43.485, 201.435**, and if you desaturate by 10%, it is **85, 38.184, 201.062**.

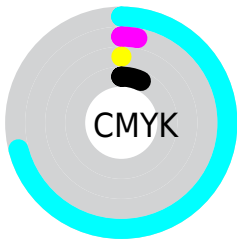
Distribution



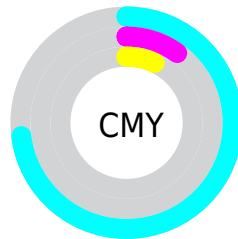
- Red (27%)
- Green (90%)
- Blue (93%)



- Red (27%)
- Yellow (59%)
- Blue (93%)



- Cyan (71%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)





- Cyan (73%)
- Magenta (10%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 41.355, 201.183 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, 41.355, 201.183 by changing the saturation by 10% instead.


 84, 41.355,
201.183


 84, 41.355,
201.183


 100, 41.355,
201.183


 74, 41.355,
201.183

 64, 41.355,
201.183

 54, 41.355,
201.183

 44, 41.355,
201.183

 34, 41.355,
201.183

 24, 41.355,
201.183

 14, 41.355,

201.183

■ 4, 41.355, 201.183

■ 0, 41.355, 201.183

■ 84, 41.355,
201.183

■ 84, 41.355,
201.183

■ 83, 43.485,
201.435

■ 85, 38.184,
201.062

■ 83, 44.635,
201.828

■ 86, 33.985,
201.066

■ 83, 45.015,
202.282

■ 87, 28.821,
201.182

■ 88, 22.797,
201.398

■ 90, 16.036,

201.703

 91, 8.673, 202.099

 93, 0.837, 203.197

 95, 6.463, 23.169

 95, 6.200, 27.287

Harmonies

Complementary

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



84, 41.355, 201.183



55, 72.975, 32.477

Rectangle

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



84, 41.355, 201.183



84, 41.355, 251.183



84, 41.355, 21.183



84, 41.355, 71.183

Sweetspot

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



84, 41.354, 201.182



96, 17.024, 201.702



83, 96.083, 138.642



51, 11.412, 201.609



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, 41.354, 201.182



89, 46.713, 201.587



60, 52.320, 275.623



48, 4.456, 202.174



65, 36.905, 202.178



19, 15.910, 201.291

Inverse Universe

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



60, 93.637, 328.995



61, 108.625, 329.422



71, 60.688, 69.320



46, 8.255, 325.916



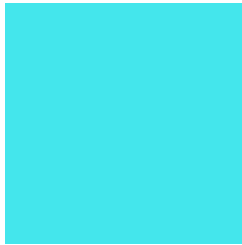
43, 86.901, 329.702



9, 37.365, 329.480

Previews

White Background



This preview shows how the CIE LCh color 84, 41.355, 201.183 looks on a white background.

Color Contrast Check

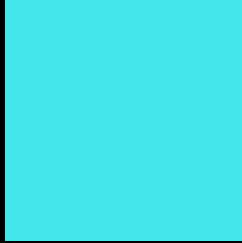
Large Text (above 18pt) WCAG AA × Fail

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, 41.355, 201.183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

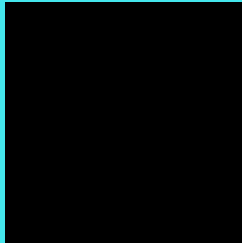
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 41.355, 201.183

Background



This preview shows how black text looks on a background with the CIELCh color 84, 41.355, 201.183.

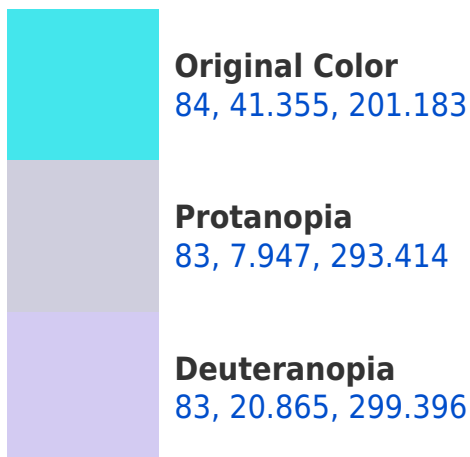


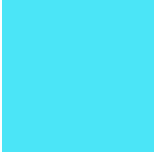
This preview shows how white text looks on a background with the CIELCh color 84, 41.355, 201.183.

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](#).

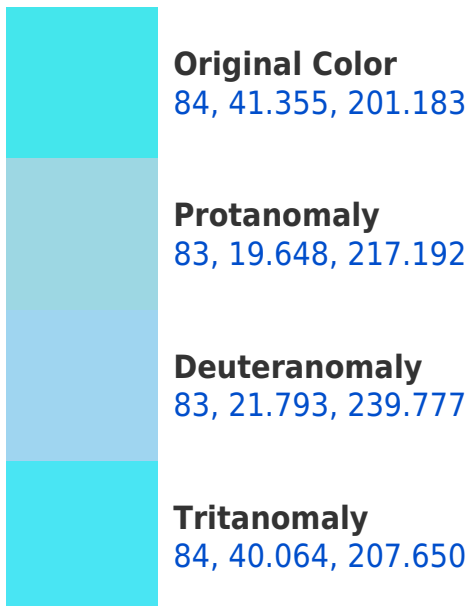
Dichromacy



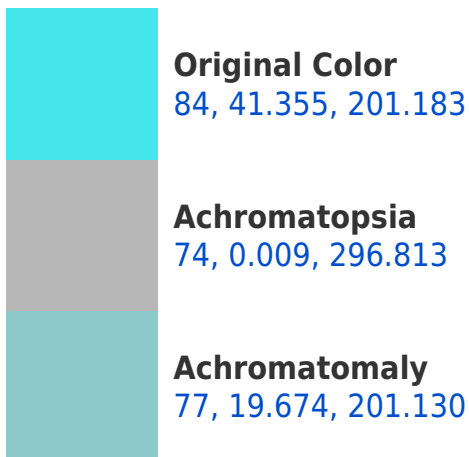


Tritanopia
84, 39.742, 210.961

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 41.355, 201.183 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(68, 230, 236)` looks like.

```
.text, #text, p{  
    color:rgb(68, 230, 236)  
}
```

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(68, 230, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 230, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 41.355, 201.183 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(68, 230, 236) }
```

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

```
.border{ border-color:rgb(68, 230, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 230, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 230, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 230, 236);  
box-shadow:4px 4px 4px 4px rgb(68, 230,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 41.355, 201.183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 230, 236) }
```

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

```
.background{ background-color: rgb(68, 230,  
236) }
```

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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