

Converting Colors

CIELCh(84, 44.060, 213.545)

Have a look what the booklet for
CIELCh(84, 44.060, 213.545)
contains.

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Color

CIELCh(84, 44.013, 213.734)

Conversions

Conversions Part 1

Format	Color
Hex	19E6FE
RGB	25, 230, 254
RGB Percent	10%, 90%, 100%
CMY	0.9030, 0.0973, 0.0032
CMYK	0.90, 0.09, 0.00, 0.00
HSL	186°, 99%, 55%
HSV	186°, 90%, 100%
XYZ	46.6601, 64.0658, 103.8282
YIQ	171.4410, -129.8840, -35.9960

Conversions

Conversions Part 2

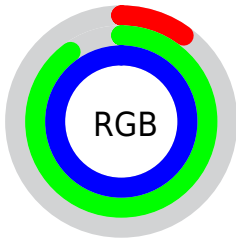
Format	Color
R _Y B	25, 133, 254
Decimal	1697534
CIE Lab	84.00, -36.60, -24.44
CIE LCh	84, 44.013, 213.734
Yxy	64.0658, 0.2175, 0.2986
Android (android.graphics.Color)	4279887614 (0xFF19E6FE)
YUV	171.4410, 40.7016, -128.4288
Hunter-Lab	80.0411, -36.0151, -20.8814

Details

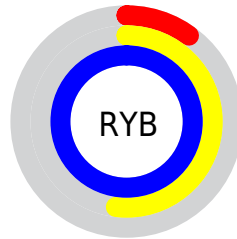
The CIELCh color **84, 44.013, 213.734** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **55, 95.891, 39.908**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 38.090, 197.085**, and **65, 36.334, 217.720** is the 20% darker color. If you saturate the color by 10%, you get **83, 44.312, 215.539**, and if you desaturate by 10%, it is **85, 42.919, 212.207**.

Distribution



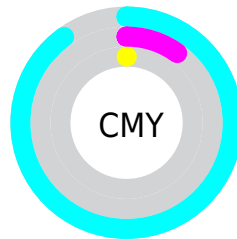
- Red (10%)
- Green (90%)
- Blue (100%)



- Red (10%)
- Yellow (52%)
- Blue (100%)



- Cyan (90%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (90%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 44.013, 213.734 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, 44.013, 213.734 by changing the saturation by 10% instead.

 84, 44.013,
213.734

 84, 44.013,
213.734

 100, 44.013,
213.734

 74, 44.013,
213.734

 64, 44.013,
213.734

 54, 44.013,
213.734

 44, 44.013,
213.734

 34, 44.013,
213.734

 24, 44.013,
213.734

 14, 44.013,

213.734

■ 4, 44.013, 213.734

■ 0, 44.013, 213.734

■ 84, 44.013,
213.734

■ 84, 44.013,
213.734

■ 83, 44.312,
215.539

■ 85, 42.919,
212.207

■ 86, 40.815,
211.027

■ 88, 37.645,
210.154

■ 89, 33.428,
209.545

■ 91, 28.240,

209.157

■ 93, 22.194,
208.953

■ 95, 15.421,
208.903

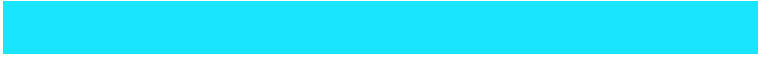
■ 97, 8.054, 208.998

■ 100, 0.219,
212.109

Harmonies

Complementary

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



84, 44.013, 213.734



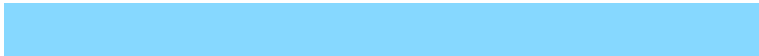
55, 95.891, 39.908

Rectangle

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



84, 44.013, 213.734



84, 44.013, 263.734



84, 44.013, 33.734



84, 44.013, 83.734

Sweetspot

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



84, 44.012, 213.733



94, 20.104, 208.921



88, 113.326, 137.651



49, 13.365, 208.955



0, 0.000, 0.000



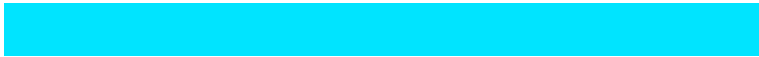
53, 0.007, 296.813

Same Dimension

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



84, 44.012, 213.733



83, 44.419, 215.543



52, 79.683, 289.360



52, 4.479, 209.013



64, 35.822, 215.172



21, 16.641, 212.645

Inverse Universe

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



59, 104.792, 332.493



59, 106.293, 332.992



74, 79.088, 71.419



50, 8.430, 327.943



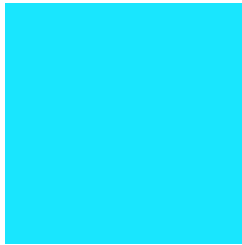
44, 85.735, 332.901



12, 39.833, 332.282

Previews

White Background



This preview shows how the CIE LCh color 84, 44.013, 213.734 looks on a white background.

Color Contrast Check

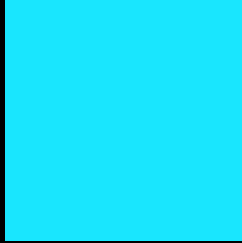
Large Text (above 18pt) WCAG AA × Fail

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, 44.013, 213.734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

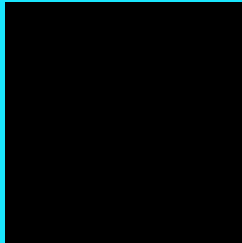
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 44.013, 213.734

Background



This preview shows how black text looks on a background with the CIELCh color 84, 44.013, 213.734.

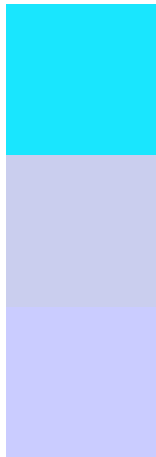


This preview shows how white text looks on a background with the CIELCh color 84, 44.013, 213.734.

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

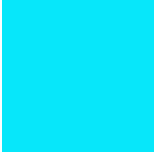
84, 43.973, 213.752

Protanopia

83, 16.941, 287.048

Deuteranopia

83, 26.964, 291.084

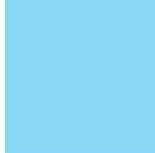


Tritanopia
84, 44.691, 209.811

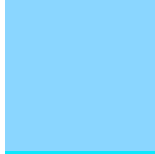
Trichromacy



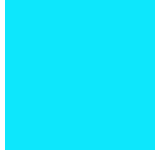
Original Color
84, 43.973, 213.752



Protanomaly
82, 27.137, 232.888



Deuteranomaly
82, 30.237, 244.662

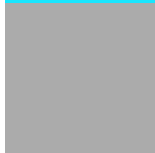


Tritanomaly
84, 44.517, 211.316

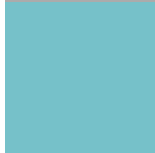
Monochromacy



Original Color
84, 43.973, 213.752



Achromatopsia
70, 0.009, 296.813



Achromatomaly
74, 24.043, 208.162

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 44.013, 213.734 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(25, 230, 254)` looks like.

```
.text, #text, p{  
    color:rgb(25, 230, 254)  
}
```

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(25, 230, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 230, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 44.013, 213.734 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(25, 230, 254) }
```

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

```
.border{ border-color:rgb(25, 230, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 230, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 230, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 230, 254);  
box-shadow:4px 4px 4px 4px rgb(25, 230,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 44.013, 213.734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 230, 254) }
```

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

```
.background{ background-color: rgb(25, 230,  
254) }
```

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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