

Converting Colors

CIELCh(84, 114.700, 135.690)

Have a look what the booklet for
CIELCh(84, 114.700, 135.690)
contains.

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Color

CIELCh(84, 114.841, 135.676)

Conversions

Conversions Part 1

Format	Color
Hex	17F300
RGB	23, 243, 0
RGB Percent	9%, 95%, 0%
CMY	0.9112, 0.0484, 1.0000
CMYK	0.91, 0.00, 1.00, 0.05
HSL	114°, 100%, 48%
HSV	114°, 100%, 95%
XYZ	32.2884, 64.0658, 10.6580
YIQ	149.5180, -53.1170, -122.2130

Conversions

Conversions Part 2

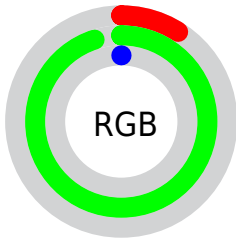
Format	Color
RYB	0, 243, 220
Decimal	1569536
CIELab	84.00, -82.16, 80.24
CIELCh	84, 114.841, 135.676
Yxy	64.0658, 0.3017, 0.5987
Android (android.graphics.Color)	4279759616 (0xFF17F300)
YUV	149.5180, -73.7124, -110.9563
Hunter-Lab	80.0411, -68.0655, 48.1339

Details

The CIELCh color **84, 114.841, 135.676** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark saturated green. A complement of this color would be **54, 111.998, 324.546**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 92.794, 135.185**, and **66, 94.118, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **84, 114.828, 135.681**, and if you desaturate by 10%, it is **84, 111.740, 135.694**.

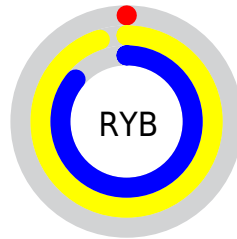
Distribution



Red (9%)

Green (95%)

Blue (0%)



Red (0%)

Yellow (95%)

Blue (86%)

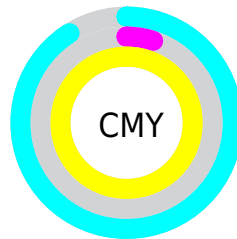


Cyan (91%)

Magenta (0%)

Yellow (100%)

Black (5%)



Cyan (91%)


Magenta (5%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 114.841, 135.676 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, 114.841, 135.676 by changing the saturation by 10% instead.


 84, 114.841,
135.676


 84, 114.841,
135.676


 100, 114.841,
135.676


 74, 114.841,
135.676


 64, 114.841,
135.676

 54, 114.841,
135.676

 44, 114.841,
135.676

 34, 114.841,
135.676

 24, 114.841,
135.676

 14, 114.841,

135.676

■ 4, 114.841,
135.676

■ 0, 114.841,
135.676

■ 84, 114.841,
135.676

■ 84, 114.841,
135.676

■ 84, 114.828,
135.681

■ 84, 111.740,
135.694

■ 85, 105.802,
136.017

■ 85, 96.992,
136.661

■ 86, 85.880,
137.494

■ 87, 73.103,
138.388

■ 88, 59.216,
139.258

■ 90, 44.662,
140.057

■ 92, 29.780,
140.768

■ 94, 14.827,
141.392

Harmonies

Complementary

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



84, 114.841, 135.676



54, 111.998, 324.546

Rectangle

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



84, 114.841, 135.676



84, 114.841, 185.676



84, 114.841, 315.676



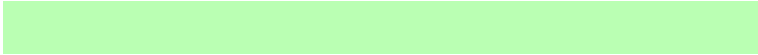
84, 114.841, 5.676

Sweetspot

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



84, 114.828, 135.681



94, 46.496, 140.051



87, 86.893, 95.866



49, 31.669, 139.724



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, 114.828, 135.681



88, 119.249, 135.694



84, 95.210, 144.251



50, 8.484, 141.422



66, 94.010, 135.597



21, 40.317, 135.995

Inverse Universe

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



54, 111.998, 324.546



56, 116.292, 324.537



53, 83.917, 353.489



48, 8.512, 322.348



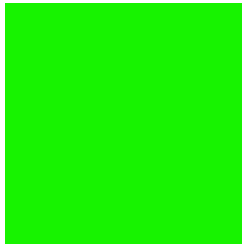
41, 91.785, 324.605



10, 40.764, 325.075

Previews

White Background



This preview shows how the CIELCh color 84, 114.841, 135.676 looks on a white background.

Color Contrast Check

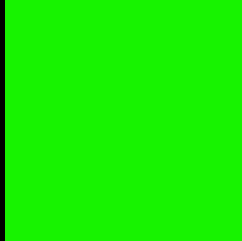
Large Text (above 18pt) WCAG AA × Fail

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, 114.841, 135.676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

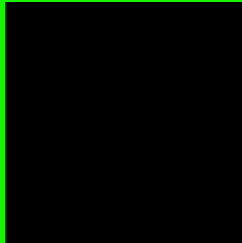
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 114.841, 135.676

Background



This preview shows how black text looks on a background with the CIELCh color 84, 114.841, 135.676.



This preview shows how white text looks on a background with the CIELCh color 84, 114.841, 135.676.

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

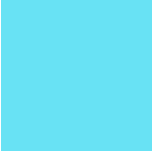
84, 114.944, 135.675

Protanopia

83, 83.951, 95.024

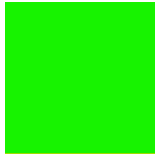
Deuteranopia

83, 60.663, 81.067



Tritanopia
84, 34.746, 213.326

Trichromacy



Original Color

84, 114.944, 135.675



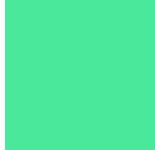
Protanomaly

81, 91.547, 119.537



Deuteranomaly

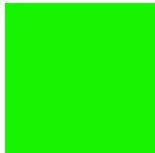
80, 76.373, 117.330



Tritanomaly

83, 63.706, 156.110

Monochromacy



Original Color

84, 114.944, 135.675



Achromatopsia

62, 0.008, 296.813



Achromatomaly

68, 56.181, 138.688

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 114.841, 135.676 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(23, 243, 0)` looks like.

```
.text, #text, p{  
    color:rgb(23, 243, 0)  
}
```

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(23, 243, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 243, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 114.841, 135.676 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(23, 243, 0) }
```

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

```
.border{ border-color:rgb(23, 243, 0) }
```

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

Here you see how a box with a 4 pixel rgb(23, 243, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 243, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 243, 0);  
box-shadow:4px 4px 4px 4px rgb(23, 243, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 84, 114.841, 135.676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 243, 0) }
```

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

```
.background{ background-color: rgb(23, 243,  
0) }
```

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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