

Converting Colors

CIELCh(84, 114.427, 135.699)

Have a look what the booklet for
CIELCh(84, 114.427, 135.699)
contains.

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Color

CIELCh(84, 114.566, 135.699)

Conversions

Conversions Part 1

Format	Color
Hex	19F303
RGB	25, 243, 3
RGB Percent	10%, 95%, 1%
CMY	0.9036, 0.0486, 0.9897
CMYK	0.90, 0.00, 0.99, 0.05
HSL	115°, 98%, 48%
HSV	115°, 99%, 95%
XYZ	32.3341, 64.0658, 10.7363
YIQ	150.4580, -52.8880, -120.8560

Conversions

Conversions Part 2

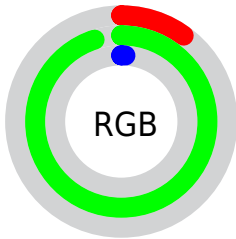
Format	Color
RYB	3, 243, 221
Decimal	1700611
CIELab	84.00, -81.99, 80.02
CIELCh	84, 114.566, 135.699
Yxy	64.0658, 0.3018, 0.5980
Android (android.graphics.Color)	4279890691 (0xFF19F303)
YUV	150.4580, -72.6968, -110.0267
Hunter-Lab	80.0411, -67.9635, 48.0759

Details

The CIELCh color **84, 114.566, 135.699** 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, 111.746, 324.646**, 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, 114.826, 135.691**, and if you desaturate by 10%, it is **84, 111.256, 135.730**.

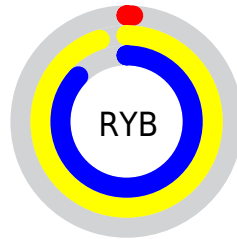
Distribution



Red (10%)

Green (95%)

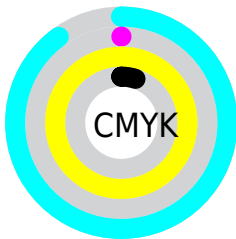
Blue (1%)



Red (1%)

Yellow (95%)

Blue (87%)

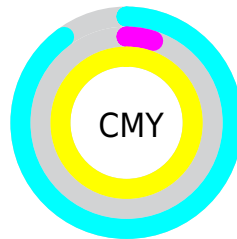


Cyan (90%)

Magenta (0%)

Yellow (99%)

Black (5%)



Cyan (90%)


Magenta (5%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 114.566, 135.699 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, 114.566, 135.699 by changing the saturation by 10% instead.

 84, 114.566,
135.699


 84, 114.566,
135.699


 100, 114.566,
135.699

 74, 114.566,
135.699


 64, 114.566,
135.699

 54, 114.566,
135.699

 44, 114.566,
135.699

 34, 114.566,
135.699

 24, 114.566,
135.699

 14, 114.566,

135.699

■ 4, 114.566,
135.699

■ 0, 114.566,
135.699

■ 84, 114.566,
135.699

■ 84, 114.566,
135.699

■ 84, 114.826,
135.691

■ 84, 111.256,
135.730

■ 85, 104.997,
136.099

■ 85, 95.913,
136.777

■ 86, 84.593,
137.628

■ 87, 71.670,
138.527

■ 89, 57.689,
139.395

■ 90, 43.078,
140.188

■ 92, 28.171,
140.891

■ 94, 13.216,
141.508

Harmonies

Complementary

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



84, 114.566, 135.699



54, 111.746, 324.646

Rectangle

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



84, 114.566, 135.699



84, 114.566, 185.699



84, 114.566, 315.699



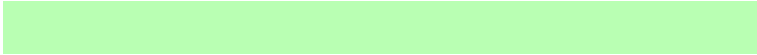
84, 114.566, 5.699

Sweetspot

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



84, 114.565, 135.700



94, 46.524, 140.100



87, 86.719, 95.950



49, 31.688, 139.771



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, 114.565, 135.700



88, 119.265, 135.704



84, 94.596, 144.477



50, 8.490, 141.474



66, 94.024, 135.608



21, 40.332, 136.024

Inverse Universe

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



54, 111.746, 324.646



56, 116.271, 324.611



53, 83.872, 353.154



48, 8.517, 322.403



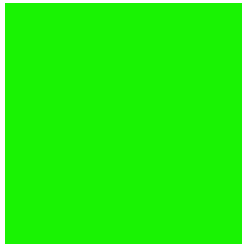
41, 91.769, 324.678



10, 40.758, 325.139

Previews

White Background



This preview shows how the CIELCh color 84, 114.566, 135.699 looks on a white background.

Color Contrast Check

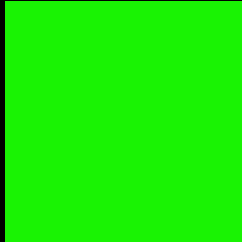
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 84, 114.566, 135.699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

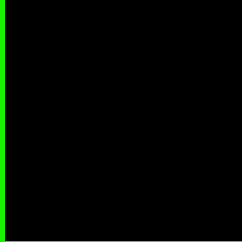
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 114.566, 135.699

Background



This preview shows how black text looks on a background with the CIELCh color 84, 114.566, 135.699.

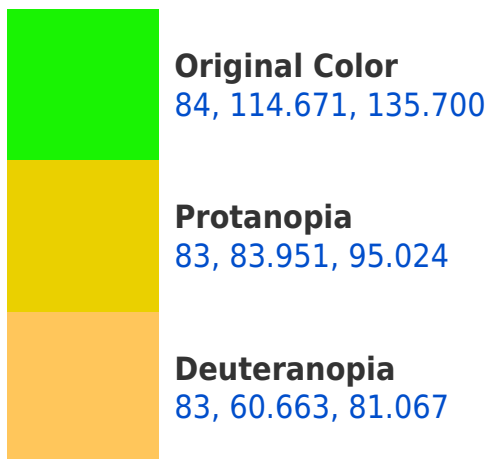


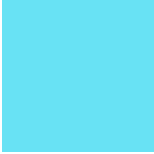
This preview shows how white text looks on a background with the CIELCh color 84, 114.566, 135.699.

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](#).

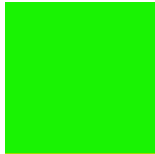
Dichromacy





Tritanopia
84, 34.746, 213.326

Trichromacy



Original Color
84, 114.671, 135.700



Protanomaly
81, 91.338, 119.334

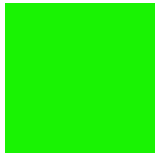


Deuteranomaly
80, 76.052, 117.410



Tritanomaly
83, 63.196, 156.358

Monochromacy



Original Color
84, 114.671, 135.700



Achromatopsia
62, 0.008, 296.813



Achromatomaly
68, 56.143, 138.709

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 114.566, 135.699 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, 243, 3)` looks like.

```
.text, #text, p{  
    color:rgb(25, 243, 3)  
}
```

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, 243, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 243, 3) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 114.566, 135.699 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, 243, 3) }
```

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

```
.border{ border-color:rgb(25, 243, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 243, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 243, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 243, 3);  
box-shadow:4px 4px 4px 4px rgb(25, 243, 3)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 84, 114.566, 135.699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 243, 3) }
```

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

```
.background{ background-color: rgb(25, 243,  
3) }
```

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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