

Converting Colors

CIELCh(84, 114.859, 135.922)

Have a look what the booklet for
CIELCh(84, 114.859, 135.922)
contains.

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Color

CIELCh(84, 114.939, 135.936)

Conversions

Conversions Part 1

Format	Color
Hex	0DF303
RGB	13, 243, 3
RGB Percent	5%, 95%, 1%
CMY	0.9498, 0.0479, 0.9870
CMYK	0.95, 0.00, 0.99, 0.05
HSL	118°, 97%, 48%
HSV	118°, 99%, 95%
XYZ	32.1681, 64.0658, 10.7643
YIQ	146.8700, -60.0400, -123.4000

Conversions

Conversions Part 2

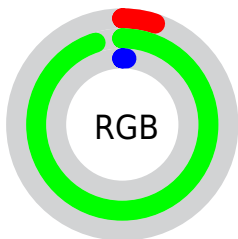
Format	Color
RYB	3, 243, 233
Decimal	914179
CIELab	84.00, -82.59, 79.94
CIElCh	84, 114.939, 135.936
Yxy	64.0658, 0.3006, 0.5988
Android (android.graphics.Color)	4279104259 (0xFF0DF303)
YUV	146.8700, -70.9279, -117.4040
Hunter-Lab	80.0411, -68.3337, 48.0551

Details

The CIELCh color **84, 114.939, 135.936** 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 **56, 111.329, 326.660**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 93.093, 135.447**, and **66, 94.118, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **84, 115.225, 135.899**, and if you desaturate by 10%, it is **84, 111.866, 136.177**.

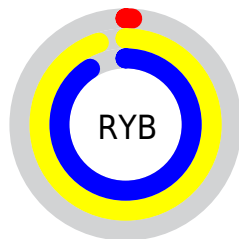
Distribution



Red (5%)

Green (95%)

Blue (1%)



Red (1%)

Yellow (95%)

Blue (91%)

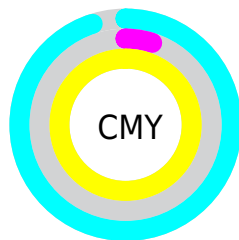


Cyan (95%)

Magenta (0%)

Yellow (99%)

Black (5%)



Cyan (95%)


Magenta (5%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 114.939, 135.936 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, 114.939, 135.936 by changing the saturation by 10% instead.


 84, 114.939,
135.936


 84, 114.939,
135.936


 100, 114.939,
135.936


 74, 114.939,
135.936


 64, 114.939,
135.936

 54, 114.939,
135.936

 44, 114.939,
135.936

 34, 114.939,
135.936

 24, 114.939,
135.936

 14, 114.939,

135.936

■ 4, 114.939,
135.936

■ 0, 114.939,
135.936

■ 84, 114.939,
135.936

■ 84, 114.939,
135.936

■ 84, 115.225,
135.899

■ 84, 111.866,
136.177

■ 85, 105.769,
136.758

■ 85, 96.766,
137.625

■ 86, 85.435,
138.635

■ 87, 72.412,
139.663

■ 88, 58.253,
140.630

■ 90, 43.413,
141.499

■ 92, 28.248,
142.260

■ 94, 13.028,
142.921

Harmonies

Complementary

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



84, 114.939, 135.936



56, 111.329, 326.660

Rectangle

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



84, 114.939, 135.936



84, 114.939, 185.936



84, 114.939, 315.936



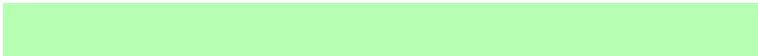
84, 114.939, 5.936

Sweetspot

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



84, 114.938, 135.937



94, 47.301, 141.381



90, 89.759, 99.586



49, 32.210, 141.020



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, 114.938, 135.937



88, 119.597, 135.907



85, 90.262, 146.647



50, 8.633, 142.868



66, 94.341, 135.854



20, 40.757, 136.803

Inverse Universe

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



56, 111.329, 326.660



59, 115.799, 326.645



53, 82.353, 357.546



48, 8.652, 323.860



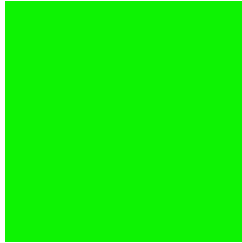
43, 91.407, 326.675



10, 40.628, 326.879

Previews

White Background



This preview shows how the CIELCh color 84, 114.939, 135.936 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, 114.939, 135.936 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

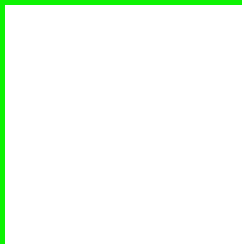
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 114.939, 135.936

Background



This preview shows how black text looks on a background with the CIELCh color 84, 114.939, 135.936.



This preview shows how white text looks on a background with the CIELCh color 84, 114.939, 135.936.

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, 115.029, 135.927

Protanopia

83, 83.951, 95.024

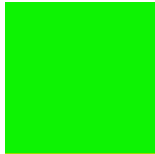
Deuteranopia

83, 60.663, 81.067



Tritanopia
84, 35.101, 213.139

Trichromacy



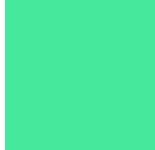
Original Color
84, 115.029, 135.927



Protanomaly
81, 91.846, 120.223

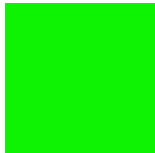


Deuteranomaly
80, 76.491, 118.556



Tritanomaly
83, 63.846, 156.767

Monochromacy



Original Color
84, 115.029, 135.927



Achromatopsia
61, 0.008, 296.813



Achromatomaly
67, 56.543, 139.940

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 114.939, 135.936 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(13, 243, 3)` looks like.

```
.text, #text, p{  
    color:rgb(13, 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(13, 243, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 243, 3) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 114.939, 135.936 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(13, 243, 3) }
```

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

```
.border{ border-color:rgb(13, 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(13, 243, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 243, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 243, 3);  
box-shadow:4px 4px 4px 4px rgb(13, 243, 3)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 84, 114.939, 135.936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 243, 3) }
```

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

```
.background{ background-color: rgb(13, 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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