

Converting Colors

CIELCh(85, 96.501, 124.398)

Have a look what the booklet for
CIELCh(85, 96.501, 124.398)
contains.

CIELCh(85, 96.666, 124.513)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(85, 96.666, 124.513)

Conversions

Conversions Part 1

Format	Color
Hex	92EC1A
RGB	146, 236, 26
RGB Percent	57%, 93%, 10%
CMY	0.4285, 0.0755, 0.8999
CMYK	0.38, 0.00, 0.89, 0.08
HSL	86°, 85%, 51%
HSV	86°, 89%, 92%
XYZ	41.9129, 66.0070, 11.4806
YIQ	185.1500, 13.7700, -84.3900

Conversions

Conversions Part 2

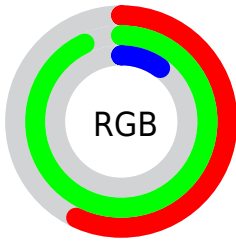
Format	Color
R _{YB}	26, 236, 116
Decimal	9628698
CIE Lab	85.00, -54.77, 79.65
CIE LCh	85, 96.666, 124.513
Yxy	66.0070, 0.3510, 0.5528
Android (android.graphics.Color)	4287818778 (0xFF92EC1A)
YUV	185.1500, -78.4609, -34.3345
Hunter-Lab	81.2447, -50.0929, 48.4931

Details

The CIELCh color **85, 96.666, 124.513** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **39, 113.894, 310.746**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 77.980, 118.966**, and **65, 84.288, 128.814** is the 20% darker color. If you saturate the color by 10%, you get **85, 100.357, 125.626**, and if you desaturate by 10%, it is **86, 90.659, 123.873**.

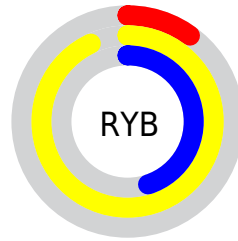
Distribution



Red (57%)

Green (93%)

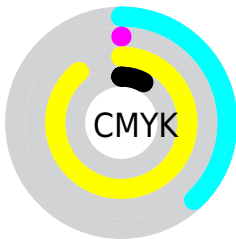
Blue (10%)



Red (10%)

Yellow (93%)

Blue (45%)

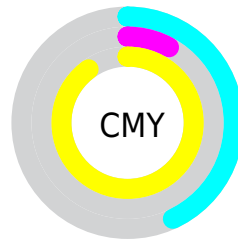


Cyan (38%)

Magenta (0%)

Yellow (89%)

Black (8%)



Cyan (43%)


Magenta (8%)


Yellow (90%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 96.666, 124.513 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 85, 96.666, 124.513 by changing the saturation by 10% instead.


 85, 96.666,
124.513


 85, 96.666,
124.513


 100, 96.666,
124.513


 75, 96.666,
124.513

 65, 96.666,
124.513

 55, 96.666,
124.513

 45, 96.666,
124.513

 35, 96.666,
124.513

 25, 96.666,
124.513

 15, 96.666,

124.513

■ 5, 96.666, 124.513

■ 0, 96.666, 124.513

■ 85, 96.666,
124.513

■ 85, 96.666,
124.513

■ 85, 100.357,
125.626

■ 86, 90.659,
123.873

■ 84, 100.622,
125.722

■ 86, 82.402,
123.678

■ 87, 72.420,
123.806

■ 88, 61.258,
124.138

■ 89, 49.342,

124.582

■ 90, 36.976,
125.079

■ 91, 24.367,
125.590

■ 92, 11.654,
126.093

■ 93, 1.063, 306.459

Harmonies

Complementary

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



85, 96.666, 124.513



39, 113.894, 310.746

Rectangle

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



85, 96.666, 124.513



85, 96.666, 174.513



85, 96.666, 304.513



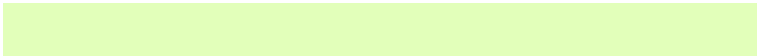
85, 96.666, 354.513

Sweetspot

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



85, 96.666, 124.514



96, 36.502, 125.184



61, 77.162, 56.141



51, 24.561, 125.010



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 96.666, 124.514



91, 106.844, 125.792



82, 109.041, 135.804



49, 7.191, 126.079



67, 82.368, 125.443



20, 33.015, 124.610

Inverse Universe

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



39, 113.894, 310.746



39, 127.000, 310.174



54, 106.793, 325.138



45, 7.305, 306.975



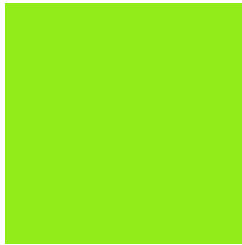
27, 97.958, 310.405



4, 37.304, 309.219

Previews

White Background



This preview shows how the CIELCh color 85, 96.666, 124.513 looks on a white background.

Color Contrast Check

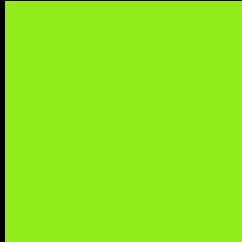
Large Text (above 18pt) WCAG AA × Fail

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 85, 96.666, 124.513 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 85, 96.666, 124.513

Background



This preview shows how black text looks on a background with the CIELCh color 85, 96.666, 124.513.



This preview shows how white text looks on a background with the CIELCh color 85, 96.666, 124.513.

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
85, 17.970, 230.528

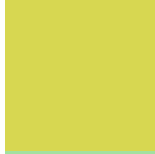
Trichromacy



Original Color
85, 96.666, 124.513



Protanomaly
84, 85.583, 107.864



Deuteranomaly
84, 65.935, 104.450

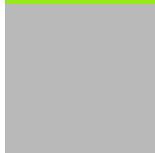


Tritanomaly
84, 41.284, 141.703

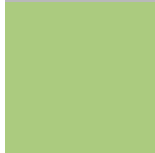
Monochromacy



Original Color
85, 96.666, 124.513



Achromatopsia
75, 0.009, 296.813



Achromatomaly
78, 41.763, 124.413

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 96.666, 124.513 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(146, 236, 26)` looks like.

```
.text, #text, p{  
    color:rgb(146, 236, 26)  
}
```

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(146, 236, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 236, 26) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 96.666, 124.513 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(146, 236, 26) }
```

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

```
.border{ border-color:rgb(146, 236, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 236, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 236, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 236, 26);  
box-shadow:4px 4px 4px 4px rgb(146, 236,  
26) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 96.666, 124.513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 236, 26) }
```

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

```
.background{ background-color: rgb(146,  
236, 26) }
```

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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