

Converting Colors

CIELCh(91, 81.076, 125.774)

Have a look what the booklet for
CIELCh(91, 81.076, 125.774)
contains.

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Color

CIELCh(91, 80.961, 125.567)

Conversions

Conversions Part 1

Format	Color
Hex	AFFA5D
RGB	175, 250, 93
RGB Percent	69%, 98%, 36%
CMY	0.3126, 0.0185, 0.6342
CMYK	0.30, 0.00, 0.63, 0.02
HSL	89°, 94%, 67%
HSV	89°, 63%, 98%
XYZ	53.9999, 78.4833, 22.7202
YIQ	209.6770, 5.6970, -64.7270

Conversions

Conversions Part 2

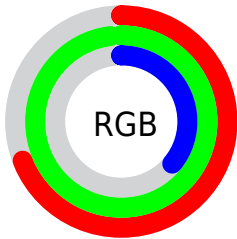
Format	Color
RYB	93, 250, 168
Decimal	11532893
CIELab	91.00, -47.09, 65.86
CIELCh	91, 80.961, 125.567
Yxy	78.4833, 0.3479, 0.5057
Android (android.graphics.Color)	4289722973 (0xFFAFFA5D)
YUV	209.6770, -57.5218, -30.4117
Hunter-Lab	88.5908, -46.2305, 46.8079

Details

The CIELCh color **91, 80.961, 125.567** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **55, 89.673, 311.589**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 53.283, 115.064**, and **71, 80.965, 125.655** is the 20% darker color. If you saturate the color by 10%, you get **90, 91.015, 125.543**, and if you desaturate by 10%, it is **92, 69.460, 125.838**.

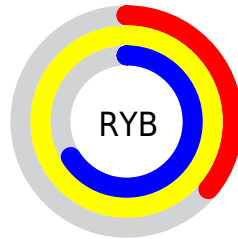
Distribution



Red (69%)

Green (98%)

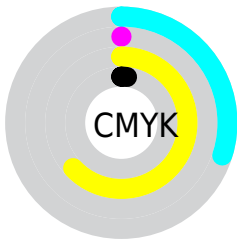
Blue (36%)



Red (36%)

Yellow (98%)

Blue (66%)

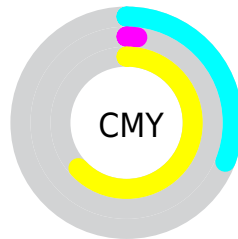


Cyan (30%)

Magenta (0%)

Yellow (63%)

Black (2%)



Cyan (31%)

Magenta (2%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 80.961, 125.567 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 91, 80.961, 125.567 by changing the saturation by 10% instead.

■ 91, 80.961,
125.567

■ 91, 80.961,
125.567

■ 100, 80.961,
125.567

■ 81, 80.961,
125.567

■ 71, 80.961,
125.567

■ 61, 80.961,
125.567

■ 51, 80.961,
125.567

■ 41, 80.961,
125.567

■ 31, 80.961,
125.567

■ 21, 80.961,

125.567

■ 11, 80.961,
125.567

■ 1, 80.961, 125.567

■ 91, 80.961,
125.567

■ 91, 80.961,
125.567

■ 90, 91.015,
125.543

■ 92, 69.460,
125.838

■ 90, 99.025,
125.891

■ 93, 57.015,
126.247

■ 89, 104.515,
126.727

■ 94, 43.997,
126.723

■ 89, 107.094,
127.597

■ 95, 30.659,
127.219

97, 17.178,
127.709

98, 3.673, 128.200

99, 2.939, 324.439

Harmonies

Complementary

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



91, 80.961, 125.567



55, 89.673, 311.589

Rectangle

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



91, 80.961, 125.567



91, 80.961, 175.567



91, 80.961, 305.567



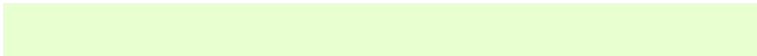
91, 80.961, 355.567

Sweetspot

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



91, 80.962, 125.568



97, 26.026, 127.402



75, 55.321, 64.220



52, 17.907, 127.261



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 80.962, 125.568



92, 94.422, 125.586



88, 92.670, 138.308



52, 7.654, 127.865



69, 86.383, 127.311



23, 37.571, 125.872

Inverse Universe

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



55, 89.673, 311.589



49, 106.773, 311.969



65, 91.831, 326.513



48, 7.766, 308.715



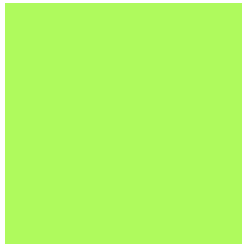
29, 100.001, 311.385



5, 43.222, 312.045

Previews

White Background



This preview shows how the CIE LCh color 91, 80.961, 125.567 looks on a white background.

Color Contrast Check

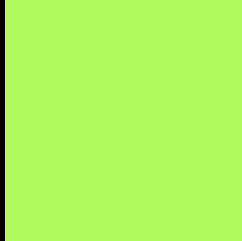
Large Text (above 18pt) WCAG AA × Fail

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 91, 80.961, 125.567 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

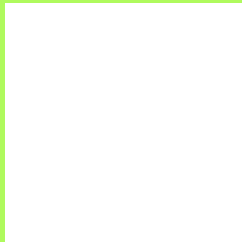
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 80.961, 125.567

Background



This preview shows how black text looks on a background with the CIELCh color 91, 80.961, 125.567.



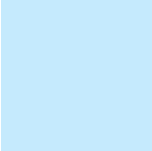
This preview shows how white text looks on a background with the CIELCh color 91, 80.961, 125.567.

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



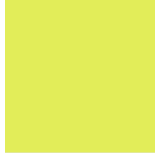


Tritanopia
91, 15.389, 238.839

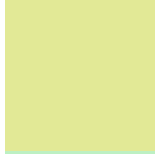
Trichromacy



Original Color
91, 80.961, 125.567



Protanomaly
91, 71.548, 108.077



Deuteranomaly
90, 42.269, 110.501

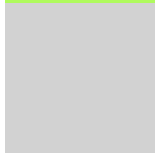


Tritanomaly
90, 29.805, 146.368

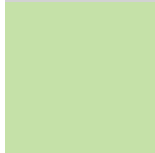
Monochromacy



Original Color
91, 80.961, 125.567



Achromatopsia
84, 0.010, 296.813



Achromatomaly
86, 31.425, 127.584

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 80.961, 125.567 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(175, 250, 93)` looks like.

```
.text, #text, p{  
    color:rgb(175, 250, 93)  
}
```

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(175, 250, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 250, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 80.961, 125.567 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(175, 250, 93) }
```

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

```
.border{ border-color:rgb(175, 250, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 250, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 250, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 250, 93);  
box-shadow:4px 4px 4px 4px rgb(175, 250,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 80.961, 125.567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 250, 93) }
```

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

```
.background{ background-color: rgb(175,  
250, 93) }
```

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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