

Converting Colors

CIELCh(100, 87.361, 110.145)

Have a look what the booklet for
CIELCh(100, 87.361, 110.145)
contains.

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Color

CIELCh(97, 82.273, 107.085)

Conversions

Conversions Part 1

Format	Color
Hex	F5FF4F
RGB	245, 255, 79
RGB Percent	96%, 100%, 31%
CMY	0.0376, 0.0000, 0.6885
CMYK	0.04, 0.00, 0.69, 0.00
HSL	63°, 100%, 66%
HSV	63°, 69%, 100%
XYZ	75.4196, 92.4403, 21.3463
YIQ	231.9460, 50.5360, -56.8560

Conversions

Conversions Part 2

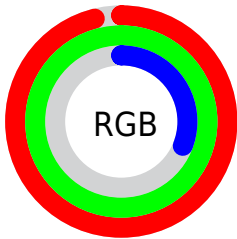
Format	Color
R_{YB}	79, 255, 89
Decimal	16121679
CIE _{Lab}	97.00, -24.17, 78.64
CIE _{LCh}	97, 82.273, 107.085
Yxy	92.4403, 0.3986, 0.4886
Android (android.graphics.Color)	4294311759 (0xFFFF5FF4F)
YUV	231.9460, -75.4024, 11.4484
Hunter-Lab	96.1459, -28.2347, 54.1385

Details

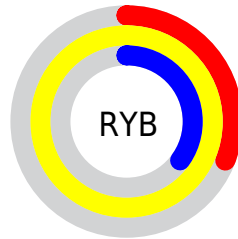
The CIELCh color **97, 82.273, 107.085** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light washed yellow. A complement of this color would be **46, 101.614, 302.565**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 57.693, 105.762**, and **76, 80.364, 106.911** is the 20% darker color. If you saturate the color by 10%, you get **96, 89.391, 106.327**, and if you desaturate by 10%, it is **97, 72.151, 107.329**.

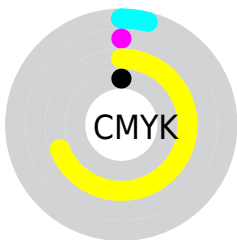
Distribution



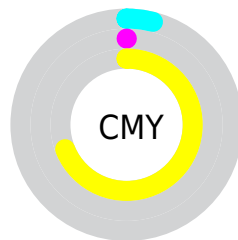
- Red (96%)
- Green (100%)
- Blue (31%)



- Red (31%)
- Yellow (100%)
- Blue (35%)



- Cyan (4%)
- Magenta (0%)
- Yellow (69%)
- Black (0%)




- Cyan (4%)
- Magenta (0%)
- Yellow (69%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 82.273, 107.085 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 97, 82.273, 107.085 by changing the saturation by 10% instead.


 97, 82.273,
107.085


 97, 82.273,
107.085

 100, 82.273,
107.085


 87, 82.273,
107.085

 77, 82.273,
107.085

 67, 82.273,
107.085

 57, 82.273,
107.085

 47, 82.273,
107.085

 37, 82.273,
107.085

 27, 82.273,

107.085

■ 17, 82.273,
107.085

■ 7, 82.273, 107.085

■ 97, 82.273,
107.085

■ 97, 82.273,
107.085

■ 96, 89.391,
106.327

■ 97, 72.151,
107.329

■ 96, 94.485,
106.168

■ 97, 61.189,
108.062

■ 96, 96.936,
106.265

■ 98, 49.354,
108.884

■ 96, 97.142,
106.284

■ 98, 36.982,
109.755

■ 99, 24.295,
110.648

■ 99, 11.437,
111.541

100, 0.012,
296.813

Harmonies

Complementary

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



97, 82.273, 107.085



46, 101.614, 302.565

Rectangle

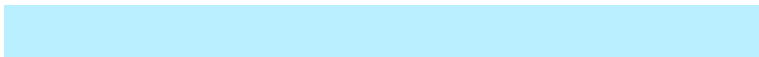
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 82.273, 107.085



97, 82.273, 157.085



97, 82.273, 287.085



97, 82.273, 337.085

Sweetspot

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



97, 81.755, 106.731



99, 27.041, 110.455



61, 74.422, 32.604



52, 18.277, 110.208



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



97, 81.755, 106.731



96, 91.838, 106.229



91, 90.506, 127.994



53, 7.346, 111.483



74, 78.236, 106.226



26, 35.562, 106.012

Inverse Universe

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



46, 101.614, 302.565



37, 121.123, 304.987



54, 98.971, 313.824



49, 7.513, 293.228



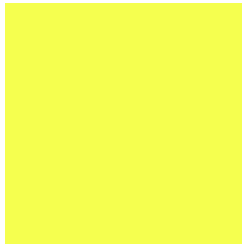
23, 107.509, 306.441



4, 44.258, 302.852

Previews

White Background



This preview shows how the CIELCh color 97, 82.273, 107.085 looks on a white background.

Color Contrast Check

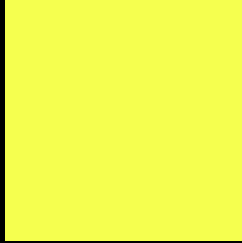
Large Text (above 18pt) WCAG AA × Fail

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 97, 82.273, 107.085 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 97, 82.273, 107.085

Background



This preview shows how black text looks on a background with the CIELCh color 97, 82.273, 107.085.



This preview shows how white text looks on a background with the CIELCh color 97, 82.273, 107.085.

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
97, 81.911, 106.835

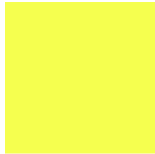
Protanopia
96, 18.699, 97.207

Deuteranopia
96, 7.915, 76.277



Tritanopia
96, 7.514, 331.329

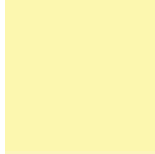
Trichromacy



Original Color
97, 81.911, 106.835



Protanomaly
96, 43.686, 105.229

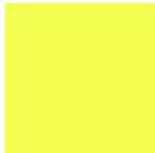


Deuteranomaly
96, 36.416, 104.273

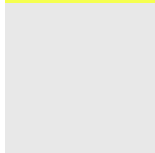


Tritanomaly
96, 29.001, 103.372

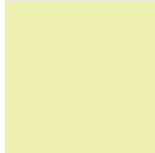
Monochromacy



Original Color
97, 81.911, 106.835



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 32.084, 109.692

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 82.273, 107.085 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(245, 255, 79)` looks like.

```
.text, #text, p{  
    color:rgb(245, 255, 79)  
}
```

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(245, 255, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 255, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 82.273, 107.085 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(245, 255, 79) }
```

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

```
.border{ border-color:rgb(245, 255, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 255, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 255, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 255, 79);  
box-shadow:4px 4px 4px 4px rgb(245, 255,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 82.273, 107.085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 255, 79) }
```

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

```
.background{ background-color: rgb(245,  
255, 79) }
```

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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