

Converting Colors

CIELCh(98, 79.295, 108.359)

Have a look what the booklet for
CIELCh(98, 79.295, 108.359)
contains.

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Color

CIELCh(97, 77.229, 107.036)

Conversions

Conversions Part 1

Format	Color
Hex	F7FF5D
RGB	247, 255, 93
RGB Percent	97%, 100%, 36%
CMY	0.0326, 0.0000, 0.6366
CMYK	0.03, 0.00, 0.64, 0.00
HSL	63°, 100%, 68%
HSV	63°, 64%, 100%
XYZ	76.1773, 92.4403, 24.1040
YIQ	234.1400, 47.2340, -52.0780

Conversions

Conversions Part 2

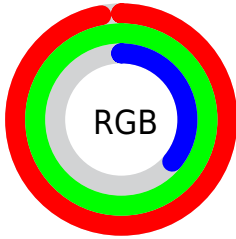
Format	Color
R _Y B	93, 255, 101
Decimal	16252765
CIE Lab	97.00, -22.63, 73.84
CIE LCh	97, 77.229, 107.036
Yxy	92.4403, 0.3953, 0.4797
Android (android.graphics.Color)	4294442845 (0xFFFF7FF5D)
YUV	234.1400, -69.5820, 11.2782
Hunter-Lab	96.1459, -26.8280, 52.4380

Details

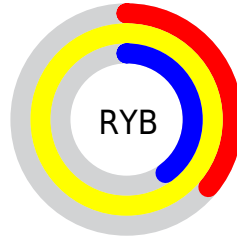
The CIELCh color **97, 77.229, 107.036** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **49, 93.546, 301.494**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 52.112, 106.190**, and **77, 76.633, 106.761** is the 20% darker color. If you saturate the color by 10%, you get **97, 85.701, 106.334**, and if you desaturate by 10%, it is **97, 66.590, 107.535**.

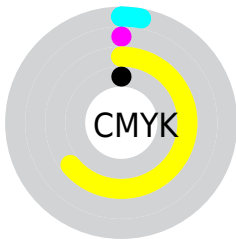
Distribution



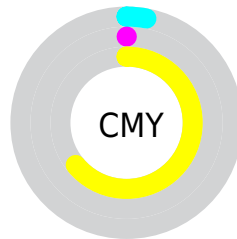
- Red (97%)
- Green (100%)
- Blue (36%)



- Red (36%)
- Yellow (100%)
- Blue (40%)



- Cyan (3%)
- Magenta (0%)
- Yellow (64%)
- Black (0%)




- Cyan (3%)
- Magenta (0%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 77.229, 107.036 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, 77.229, 107.036 by changing the saturation by 10% instead.

 97, 77.229,
107.036

 97, 77.229,
107.036

 100, 77.229,
107.036

 87, 77.229,
107.036

 77, 77.229,
107.036

 67, 77.229,
107.036

 57, 77.229,
107.036

 47, 77.229,
107.036

 37, 77.229,
107.036

 27, 77.229,

107.036

■ 17, 77.229,
107.036

■ 7, 77.229, 107.036

■ 97, 77.229,
107.036

■ 97, 77.229,
107.036

■ 97, 85.701,
106.334

■ 97, 66.590,
107.535

■ 96, 92.168,
106.032

■ 98, 55.127,
108.325

■ 96, 95.924,
105.988

■ 98, 42.981,
109.182

■ 96, 97.116,
106.074

■ 98, 30.425,
110.072

■ 99, 17.637,
110.973

■ 100, 4.729,
111.859

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, 77.229, 107.036



49, 93.546, 301.494

Rectangle

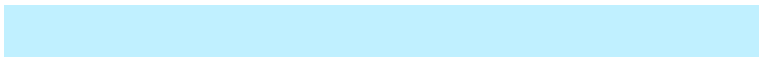
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 77.229, 107.036



97, 77.229, 157.036



97, 77.229, 287.036



97, 77.229, 337.036

Sweetspot

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



97, 76.966, 106.854



99, 24.484, 110.492



63, 68.088, 31.272



53, 16.829, 110.234



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, 76.966, 106.854



97, 87.438, 106.242



92, 84.935, 128.051



53, 7.345, 111.345



74, 78.216, 106.019



26, 35.557, 105.827

Inverse Universe

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



49, 93.546, 301.494



41, 112.164, 303.840



57, 92.303, 313.698



49, 7.512, 293.101



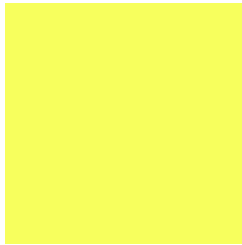
23, 107.526, 306.432



4, 44.251, 302.787

Previews

White Background



This preview shows how the CIELCh color 97, 77.229, 107.036 looks on a white background.

Color Contrast Check

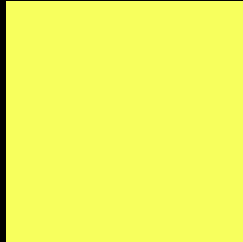
Large Text (above 18pt) WCAG AA × Fail

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, 77.229, 107.036 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, 77.229, 107.036

Background



This preview shows how black text looks on a background with the CIELCh color 97, 77.229, 107.036.

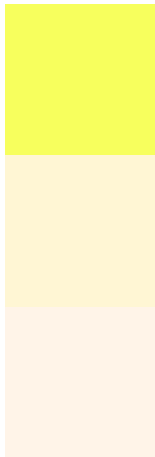


This preview shows how white text looks on a background with the CIELCh color 97, 77.229, 107.036.

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, 76.832, 106.772

Protanopia
97, 17.614, 97.862

Deuteranopia
97, 7.278, 76.553



Tritanopia
97, 6.894, 331.898

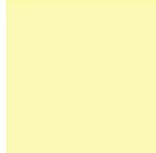
Trichromacy



Original Color
97, 76.832, 106.772



Protanomaly
97, 40.271, 105.378



Deuteranomaly
96, 33.895, 104.929

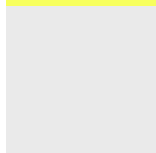


Tritanomaly
96, 26.948, 104.036

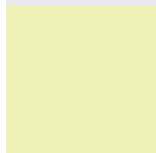
Monochromacy



Original Color
97, 76.832, 106.772



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 30.035, 109.998

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 77.229, 107.036 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(247, 255, 93)` looks like.

```
.text, #text, p{  
    color:rgb(247, 255, 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(247, 255, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 255, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 77.229, 107.036 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(247, 255, 93) }
```

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

```
.border{ border-color:rgb(247, 255, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 255, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 255, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 255, 93);  
box-shadow:4px 4px 4px 4px rgb(247, 255,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 77.229, 107.036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 255, 93) }
```

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

```
.background{ background-color: rgb(247,  
255, 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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