

Converting Colors

CIELCh(97, 62.862, 107.729)

Have a look what the booklet for
CIELCh(97, 62.862, 107.729)
contains.

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Color

CIELCh(97, 62.732, 107.580)

Conversions

Conversions Part 1

Format	Color
Hex	F8FE7E
RGB	248, 254, 126
RGB Percent	97%, 100%, 49%
CMY	0.0270, 0.0035, 0.5055
CMYK	0.02, 0.00, 0.50, 0.00
HSL	63°, 99%, 75%
HSV	63°, 50%, 100%
XYZ	78.0018, 92.4403, 33.5055
YIQ	237.6140, 37.5120, -41.0800

Conversions

Conversions Part 2

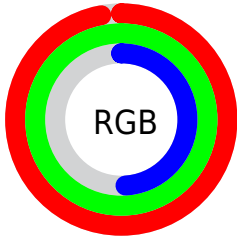
Format	Color
R_{YB}	126, 254, 132
Decimal	16318078
CIE _{Lab}	97.00, -18.95, 59.80
CIE _{LCh}	97, 62.732, 107.580
Yxy	92.4403, 0.3825, 0.4533
Android (android.graphics.Color)	4294508158 (0xFFFF8FE7E)
YUV	237.6140, -55.0257, 9.1085
Hunter-Lab	96.1459, -23.4408, 46.6404

Details

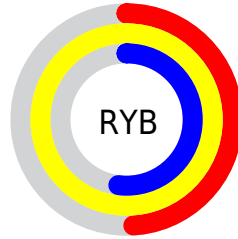
The CIELCh color **97, 62.732, 107.580** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **59, 72.239, 298.818**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 37.154, 107.345**, and **77, 62.474, 107.554** is the 20% darker color. If you saturate the color by 10%, you get **97, 73.490, 106.852**, and if you desaturate by 10%, it is **97, 51.042, 108.405**.

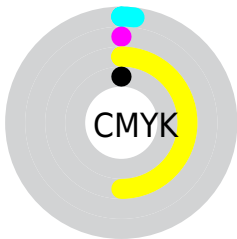
Distribution



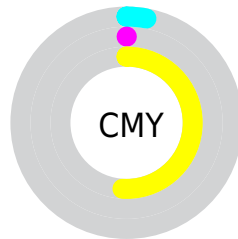
- Red (97%)
- Green (100%)
- Blue (49%)



- Red (49%)
- Yellow (100%)
- Blue (52%)



- Cyan (2%)
- Magenta (0%)
- Yellow (50%)
- Black (0%)





- Cyan (3%)
- Magenta (0%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 62.732, 107.580 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, 62.732, 107.580 by changing the saturation by 10% instead.


 97, 62.732,
107.580


 97, 62.732,
107.580

 100, 62.732,
107.580


 87, 62.732,
107.580

 77, 62.732,
107.580

 67, 62.732,
107.580

 57, 62.732,
107.580

 47, 62.732,
107.580

 37, 62.732,
107.580

 27, 62.732,

107.580

■ 17, 62.732,
107.580

■ 7, 62.732, 107.580

■ 97, 62.732,
107.580

■ 97, 62.732,
107.580

■ 97, 73.490,
106.852

■ 97, 51.042,
108.405

■ 96, 82.805,
106.264

■ 98, 38.773,
109.282

■ 96, 90.061,
105.872

■ 98, 26.162,
110.185

■ 96, 94.716,
105.724

■ 99, 13.362,
111.091

■ 96, 96.830,
105.803

■ 100, 0.472,
111.873

■ 100, 0.558,
323.906

Harmonies

Complementary

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



97, 62.732, 107.580



59, 72.239, 298.818

Rectangle

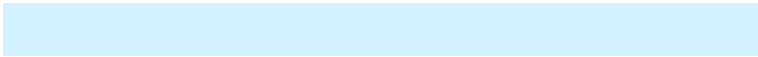
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 62.732, 107.580



97, 62.732, 157.580



97, 62.732, 287.580



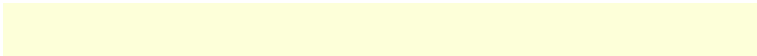
97, 62.732, 337.580

Sweetspot

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



97, 62.733, 107.583



99, 19.354, 110.672



69, 52.436, 27.394



53, 13.195, 110.481



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

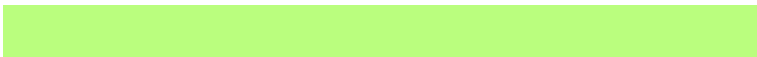
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 62.733, 107.583



97, 73.313, 106.877



93, 68.449, 127.892



53, 7.344, 111.169



74, 78.192, 105.754



26, 35.550, 105.589

Inverse Universe

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



59, 72.239, 298.818



52, 87.750, 300.684



65, 73.329, 312.676



49, 7.511, 292.938



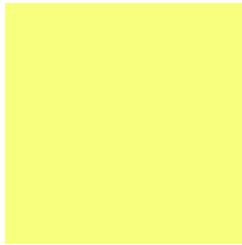
23, 107.547, 306.420



3, 44.241, 302.702

Previews

White Background



This preview shows how the CIELCh color 97, 62.732, 107.580 looks on a white background.

Color Contrast Check

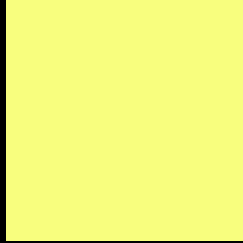
Large Text (above 18pt) WCAG AA × Fail

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, 62.732, 107.580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

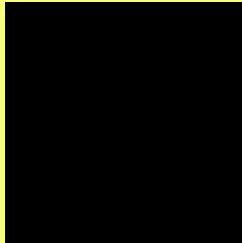
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 62.732, 107.580

Background



This preview shows how black text looks on a background with the CIELCh color 97, 62.732, 107.580.

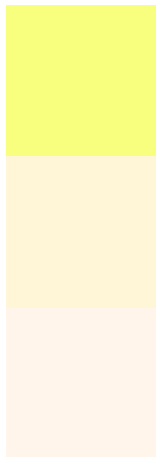


This preview shows how white text looks on a background with the CIELCh color 97, 62.732, 107.580.

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, 62.732, 107.580

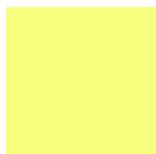
Protanopia
97, 16.117, 96.999

Deuteranopia
97, 6.644, 76.862

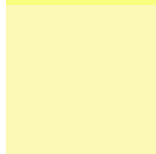


Tritanopia
97, 6.660, 329.623

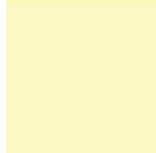
Trichromacy



Original Color
97, 62.732, 107.580



Protanomaly
97, 33.360, 105.606



Deuteranomaly
97, 26.906, 104.855

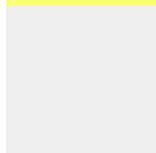


Tritanomaly
97, 20.410, 103.341

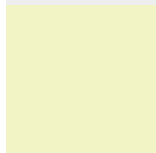
Monochromacy



Original Color
97, 62.732, 107.580



Achromatopsia
94, 0.011, 296.813



Achromatomaly
95, 23.941, 110.106

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 62.732, 107.580 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(248, 254, 126)` looks like.

```
.text, #text, p{  
    color:rgb(248, 254, 126)  
}
```

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(248, 254, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 254, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 62.732, 107.580 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(248, 254, 126) }
```

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

```
.border{ border-color:rgb(248, 254, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 254, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 254, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 254, 126);  
box-shadow:4px 4px 4px 4px rgb(248, 254,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 62.732, 107.580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 254, 126) }
```

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

```
.background{ background-color: rgb(248,  
254, 126) }
```

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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