

Converting Colors

CIELCh(97, 50.218, 104.605)

Have a look what the booklet for
CIELCh(97, 50.218, 104.605)
contains.

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Color

CIELCh(97, 50.366, 104.465)

Conversions

Conversions Part 1

Format	Color
Hex	FFFB96
RGB	255, 251, 150
RGB Percent	100%, 98%, 59%
CMY	0.0001, 0.0157, 0.4118
CMYK	0.00, 0.02, 0.41, 0.00
HSL	58°, 100%, 79%
HSV	58°, 41%, 100%
XYZ	81.2277, 92.4403, 42.4080
YIQ	240.6820, 34.8050, -30.5630

Conversions

Conversions Part 2

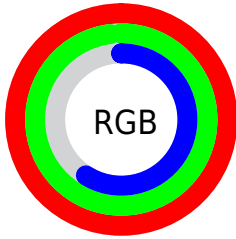
Format	Color
RYB	154, 255, 150
Decimal	16776086
CIELab	97.00, -12.58, 48.77
CIELCh	97, 50.366, 104.465
Yxy	92.4403, 0.3759, 0.4278
Android (android.graphics.Color)	4294966166 (0xFFFFFB96)
YUV	240.6820, -44.7062, 12.5569
Hunter-Lab	96.1459, -17.4516, 41.1505

Details

The CIELCh color **97, 50.366, 104.465** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **67, 55.722, 294.424**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 24.734, 108.302**, and **77, 50.537, 104.480** is the 20% darker color. If you saturate the color by 10%, you get **96, 61.731, 103.509**, and if you desaturate by 10%, it is **98, 38.464, 105.467**.

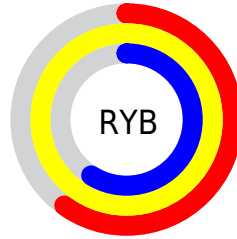
Distribution



Red (100%)

Green (98%)

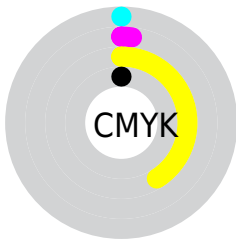
Blue (59%)



Red (60%)

Yellow (100%)

Blue (59%)

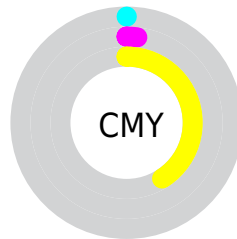


Cyan (0%)

Magenta (2%)

Yellow (41%)

Black (0%)



Cyan (0%)

Magenta (2%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 50.366, 104.465 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, 50.366, 104.465 by changing the saturation by 10% instead.

 97, 50.366,
104.465

 97, 50.366,
104.465

 100, 50.366,
104.465

 87, 50.366,
104.465

 77, 50.366,
104.465

 67, 50.366,
104.465

 57, 50.366,
104.465

 47, 50.366,
104.465

 37, 50.366,
104.465

 27, 50.366,

104.465

■ 17, 50.366,
104.465

■ 7, 50.366, 104.465

■ 97, 50.366,
104.465

■ 97, 50.366,
104.465

■ 96, 61.731,
103.509

■ 98, 38.464,
105.467

■ 96, 72.193,
102.617

■ 98, 26.254,
106.483

■ 96, 81.230,
101.827

■ 99, 13.887,
107.495

■ 95, 88.191,
101.171

■ 100, 1.455,
108.439

■ 95, 92.496,
100.672

100, 0.013,
265.083

■ 95, 94.181,
100.347

Harmonies

Complementary

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



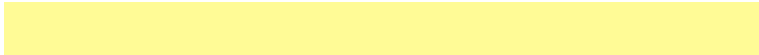
97, 50.366, 104.465



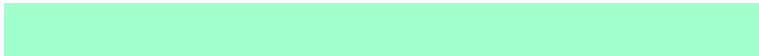
67, 55.722, 294.424

Rectangle

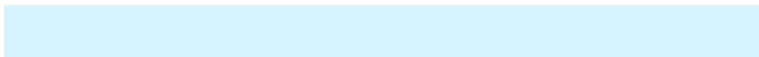
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 50.366, 104.465



97, 50.366, 154.465



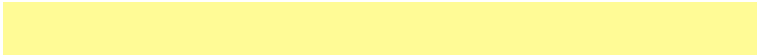
97, 50.366, 284.465



97, 50.366, 334.465

Sweetspot

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



97, 50.367, 104.468



99, 14.908, 107.413



73, 42.406, 19.873



53, 9.887, 107.281



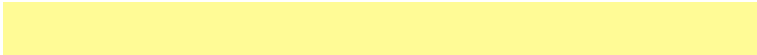
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

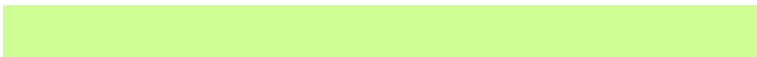
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 50.367, 104.468



97, 59.322, 103.713



95, 55.463, 125.297



53, 7.064, 107.663



73, 75.898, 100.391



25, 34.483, 100.870

Inverse Universe

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



67, 55.722, 294.424



61, 67.411, 296.002



70, 59.350, 309.569



49, 7.213, 289.644



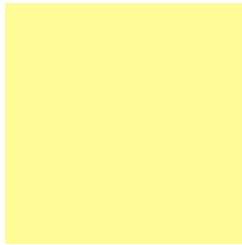
23, 106.078, 305.849



4, 42.921, 301.122

Previews

White Background



This preview shows how the CIE LCh color 97, 50.366, 104.465 looks on a white background.

Color Contrast Check

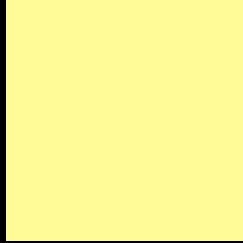
Large Text (above 18pt) WCAG AA × Fail

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, 50.366, 104.465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

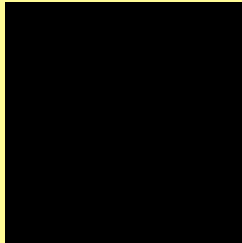
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 50.366, 104.465

Background



This preview shows how black text looks on a background with the CIELCh color 97, 50.366, 104.465.



This preview shows how white text looks on a background with the CIELCh color 97, 50.366, 104.465.

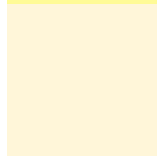
Color Blindness Simulation

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](#).

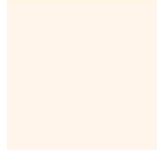
Dichromacy




Original Color
97, 50.366, 104.465



Protanopia
97, 15.122, 96.315



Deuteranopia
97, 6.218, 74.387

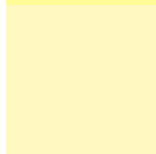


Tritanopia
97, 5.909, 335.926

Trichromacy



Original Color
97, 50.366, 104.465



Protanomaly
97, 27.992, 102.538



Deuteranomaly
97, 22.045, 100.630

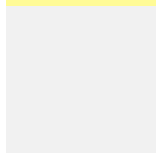


Tritanomaly
97, 16.616, 97.306

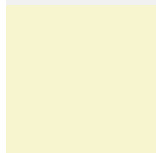
Monochromacy



Original Color
97, 50.366, 104.465



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 18.846, 107.576

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 50.366, 104.465 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(255, 251, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 150)  
}
```

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(255, 251, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 50.366, 104.465 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(255, 251, 150) }
```

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

```
.border{ border-color:rgb(255, 251, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 251, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 50.366, 104.465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 251, 150) }
```

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

```
.background{ background-color: rgb(255,  
251, 150) }
```

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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