

Converting Colors

CIELCh(100, 50.511, 85.970)

Have a look what the booklet for
CIELCh(100, 50.511, 85.970)
contains.

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Color

CIELCh(97, 47.068, 104.111)

Conversions

Conversions Part 1

Format	Color
Hex	FFFA9C
RGB	255, 250, 156
RGB Percent	100%, 98%, 61%
CMY	0.0000, 0.0177, 0.3864
CMYK	0.00, 0.02, 0.39, 0.00
HSL	57°, 100%, 81%
HSV	57°, 39%, 100%
XYZ	81.7969, 92.4403, 45.1857
YIQ	240.7790, 33.1540, -28.1740

Conversions

Conversions Part 2

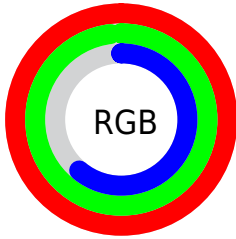
Format	Color
RYB	161, 255, 156
Decimal	16775836
CIELab	97.00, -11.48, 45.65
CIELCh	97, 47.068, 104.111
Yxy	92.4403, 0.3728, 0.4213
Android (android.graphics.Color)	4294965916 (0xFFFFFA9C)
YUV	240.7790, -41.7960, 12.4718
Hunter-Lab	96.1459, -16.3950, 39.4376

Details

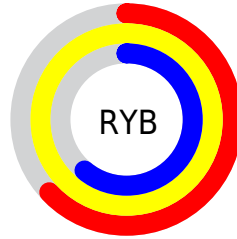
The CIELCh color **97, 47.068, 104.111** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **69, 51.567, 293.642**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 21.724, 108.532**, and **77, 47.242, 104.195** is the 20% darker color. If you saturate the color by 10%, you get **96, 58.529, 103.369**, and if you desaturate by 10%, it is **98, 35.135, 105.369**.

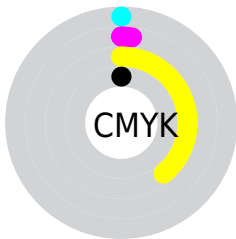
Distribution



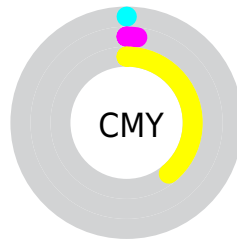
- Red (100%)
- Green (98%)
- Blue (61%)



- Red (63%)
- Yellow (100%)
- Blue (61%)



- Cyan (0%)
- Magenta (2%)
- Yellow (39%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 47.068, 104.111 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, 47.068, 104.111 by changing the saturation by 10% instead.


 97, 47.068,
104.111


 97, 47.068,
104.111


 100, 47.068,
104.111


 87, 47.068,
104.111

 77, 47.068,
104.111

 67, 47.068,
104.111

 57, 47.068,
104.111

 47, 47.068,
104.111

 37, 47.068,
104.111

 27, 47.068,

104.111

■ 17, 47.068,
104.111

■ 7, 47.068, 104.111

■ 97, 47.068,
104.111

■ 97, 47.068,
104.111

■ 96, 58.529,
103.369

■ 98, 35.135,
105.369

■ 96, 69.217,
102.441

■ 98, 22.958,
106.394

■ 95, 78.643,
101.599

■ 99, 10.658,
107.410

■ 95, 86.177,
100.878

■ 100, 0.012,
296.813

■ 95, 91.178,
100.302

■ 94, 93.447, 99.866

■ 94, 93.655, 99.812

Harmonies

Complementary

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



97, 47.068, 104.111



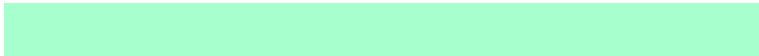
69, 51.567, 293.642

Rectangle

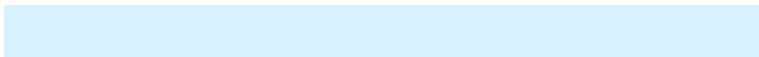
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 47.068, 104.111



97, 47.068, 154.111



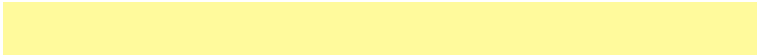
97, 47.068, 284.111



97, 47.068, 334.111

Sweetspot

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



97, 47.061, 104.354



99, 14.793, 107.072



75, 39.506, 19.435



53, 9.811, 106.939



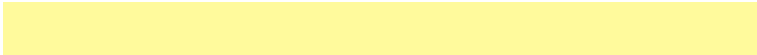
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

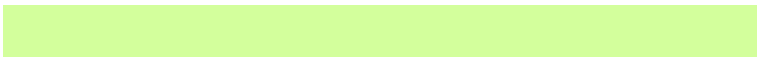
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 47.061, 104.354



97, 55.556, 103.625



95, 52.168, 125.417



53, 7.009, 107.324



73, 75.477, 99.866



25, 34.274, 100.417

Inverse Universe

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



69, 51.567, 293.642



64, 62.340, 295.079



72, 55.560, 309.413



49, 7.154, 289.317



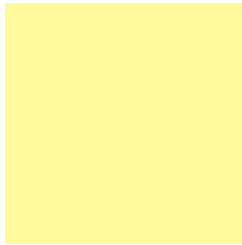
24, 105.737, 305.760



4, 42.674, 300.985

Previews

White Background



This preview shows how the CIE LCh color 97, 47.068, 104.111 looks on a white background.

Color Contrast Check

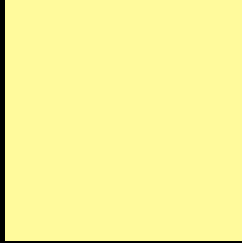
Large Text (above 18pt) WCAG AA × Fail

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, 47.068, 104.111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

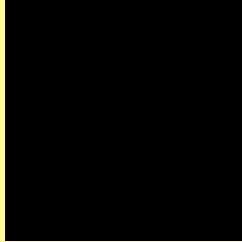
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 47.068, 104.111

Background



This preview shows how black text looks on a background with the CIELCh color 97, 47.068, 104.111.

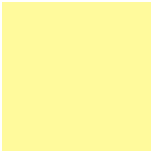
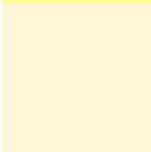
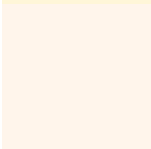


This preview shows how white text looks on a background with the CIELCh color 97, 47.068, 104.111.

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, 47.068, 104.111
	Protanopia 97, 15.619, 96.669
	Deuteranopia 97, 6.218, 74.387

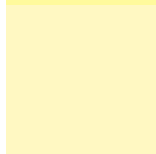


Tritanopia
97, 5.909, 335.926

Trichromacy



Original Color
97, 47.068, 104.111



Protanomaly
97, 27.492, 102.485



Deuteranomaly
97, 21.042, 100.355

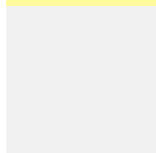


Tritanomaly
97, 15.122, 96.315

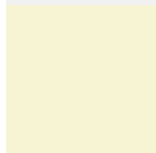
Monochromacy



Original Color
97, 47.068, 104.111



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 17.347, 106.368

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 47.068, 104.111 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, 250, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 156)  
}
```

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, 250, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 47.068, 104.111 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, 250, 156) }
```

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

```
.border{ border-color:rgb(255, 250, 156) }
```

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

Here you see how a box with a 4 pixel rgb(255, 250, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 47.068, 104.111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 156) }
```

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

```
.background{ background-color: rgb(255,  
250, 156) }
```

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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