

Converting Colors

CIELCh(100, 44.966, 88.063)

Have a look what the booklet for
CIELCh(100, 44.966, 88.063)
contains.

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Color

CIELCh(97, 42.184, 104.787)

Conversions

Conversions Part 1

Format	Color
Hex	FEFAA6
RGB	254, 250, 166
RGB Percent	100%, 98%, 65%
CMY	0.0028, 0.0184, 0.3477
CMYK	0.00, 0.02, 0.35, 0.00
HSL	57°, 98%, 82%
HSV	57°, 35%, 100%
XYZ	82.1631, 92.4403, 49.7481
YIQ	241.6200, 29.3480, -25.2760

Conversions

Conversions Part 2

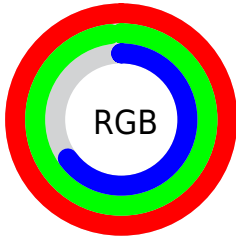
Format	Color
RYB	170, 254, 166
Decimal	16710310
CIELab	97.00, -10.77, 40.79
CIELCh	97, 42.184, 104.787
Yxy	92.4403, 0.3662, 0.4120
Android (android.graphics.Color)	4294900390 (0xFFFEFAA6)
YUV	241.6200, -37.2807, 10.8573
Hunter-Lab	96.1459, -15.7150, 36.6241

Details

The CIELCh color $97, 42.184, 104.787$ is a light color, and the websafe version is hex `FFFF99`. A complement of this color would be $72, 45.680, 292.934$, and the grayscale version is $96, 0.011, 296.813$.

A 20% lighter version of the original color is $99, 16.691, 108.916$, and $77, 42.338, 105.065$ is the 20% darker color. If you saturate the color by 10%, you get $96, 53.849, 103.791$, and if you desaturate by 10%, it is $98, 30.160, 105.811$.

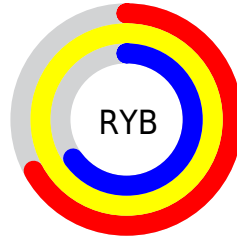
Distribution



Red (100%)

Green (98%)

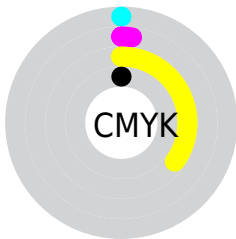
Blue (65%)



Red (67%)

Yellow (100%)

Blue (65%)

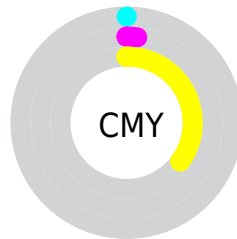


Cyan (0%)

Magenta (2%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (2%)

Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 42.184, 104.787 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, 42.184, 104.787 by changing the saturation by 10% instead.

 97, 42.184,
104.787

 97, 42.184,
104.787

 100, 42.184,
104.787

 87, 42.184,
104.787

 77, 42.184,
104.787

 67, 42.184,
104.787

 57, 42.184,
104.787

 47, 42.184,
104.787

 37, 42.184,
104.787

 27, 42.184,

104.787

■ 17, 42.184,
104.787

■ 7, 42.184, 104.787

■ 97, 42.184,
104.787

■ 97, 42.184,
104.787

■ 96, 53.849,
103.791

■ 98, 30.160,
105.811

■ 96, 64.881,
102.838

■ 98, 17.942,
106.835

■ 95, 74.869,
101.959

■ 99, 5.639, 107.837

■ 95, 83.238,
101.187

100, 0.224,
215.884

100, 0.252,

■ 94, 89.322,
100.552

202.024

■ 94, 92.638,
100.067

■ 94, 93.492, 99.852

Harmonies

Complementary

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



97, 42.184, 104.787



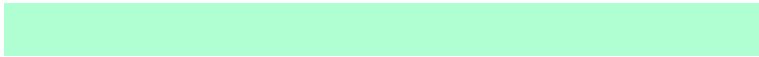
72, 45.680, 292.934

Rectangle

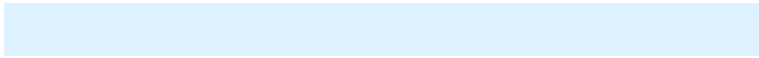
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 42.184, 104.787



97, 42.184, 154.787



97, 42.184, 284.787



97, 42.184, 334.787

Sweetspot

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



97, 42.186, 104.790



99, 12.336, 107.299



77, 34.837, 18.787



53, 8.415, 107.157



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

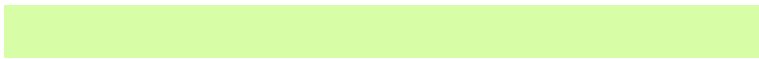
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 42.186, 104.790



97, 50.999, 104.046



95, 46.715, 125.614



53, 7.013, 107.349



73, 75.507, 99.905



25, 34.289, 100.450

Inverse Universe

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



72, 45.680, 292.934



67, 56.478, 294.302



75, 49.383, 309.163



49, 7.158, 289.341



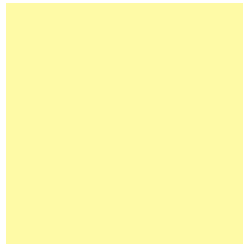
24, 105.762, 305.767



4, 42.692, 300.995

Previews

White Background



This preview shows how the CIE LCh color 97, 42.184, 104.787 looks on a white background.

Color Contrast Check

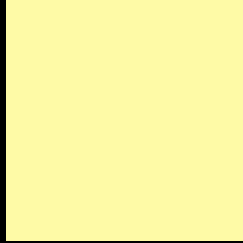
Large Text (above 18pt) WCAG AA × Fail

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, 42.184, 104.787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

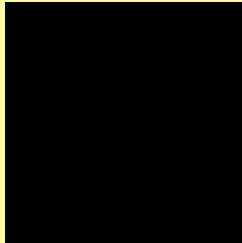
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 42.184, 104.787

Background



This preview shows how black text looks on a background with the CIELCh color 97, 42.184, 104.787.

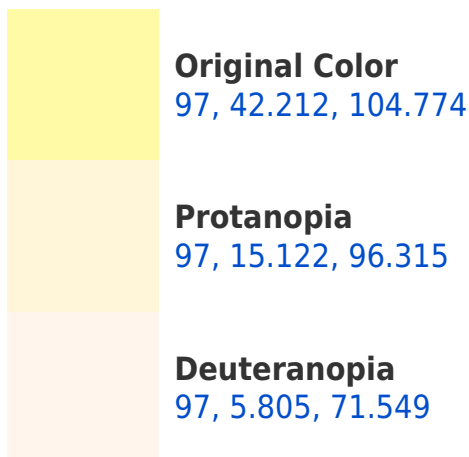


This preview shows how white text looks on a background with the CIELCh color 97, 42.184, 104.787.

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



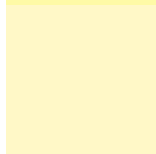


Tritanopia
97, 6.275, 332.584

Trichromacy



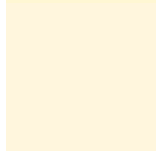
Original Color
97, 42.212, 104.774



Protanomaly
97, 24.989, 102.161



Deuteranomaly
97, 18.536, 99.497

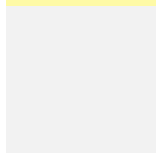


Tritanomaly
97, 13.139, 94.601

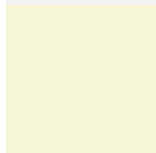
Monochromacy



Original Color
97, 42.212, 104.774



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 15.801, 107.608

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 42.184, 104.787 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(254, 250, 166)` looks like.

```
.text, #text, p{  
    color:rgb(254, 250, 166)  
}
```

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(254, 250, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 250, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 42.184, 104.787 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(254, 250, 166) }
```

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

```
.border{ border-color:rgb(254, 250, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 250, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 250, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 250, 166);  
box-shadow:4px 4px 4px 4px rgb(254, 250,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 42.184, 104.787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 250, 166) }
```

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

```
.background{ background-color: rgb(254,  
250, 166) }
```

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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