

Converting Colors

CIE LCh(97, 13.455, 98.148)

Have a look what the booklet for
CIELCh(97, 13.455, 98.148) contains.

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Color

CIELCh(97, 13.465, 98.143)

Conversions

Conversions Part 1

Format	Color
Hex	FEF7DD
RGB	254, 247, 221
RGB Percent	100%, 97%, 87%
CMY	0.0056, 0.0331, 0.1350
CMYK	0.00, 0.03, 0.13, 0.01
HSL	47°, 92%, 93%
HSV	47°, 13%, 99%
XYZ	86.8336, 92.4403, 81.3745
YIQ	246.1290, 12.5180, -6.6020

Conversions

Conversions Part 2

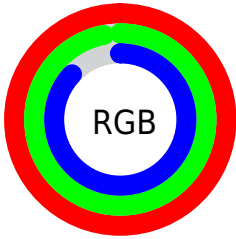
Format	Color
R _Y B	230, 254, 221
Decimal	16709597
CIE Lab	97.00, -1.91, 13.33
CIE LCh	97, 13.465, 98.143
Yxy	92.4403, 0.3331, 0.3547
Android (android.graphics.Color)	4294899677 (0xFFFEF7DD)
YUV	246.1290, -12.3886, 6.9029
Hunter-Lab	96.1459, -7.0440, 17.1212

Details

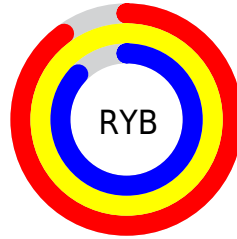
The CIELCh color **97, 13.465, 98.143** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **91, 13.650, 281.322**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 13.539, 98.997** is the 20% darker color. If you saturate the color by 10%, you get **95, 23.915, 96.955**, and if you desaturate by 10%, it is **99, 3.092, 99.271**.

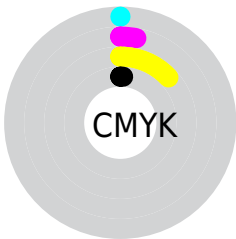
Distribution



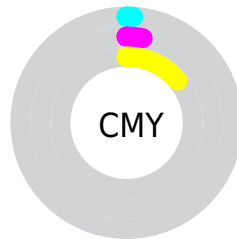
- Red (100%)
- Green (97%)
- Blue (87%)



- Red (90%)
- Yellow (100%)
- Blue (87%)



- Cyan (0%)
- Magenta (3%)
- Yellow (13%)
- Black (1%)



- Cyan (1%)
- Magenta (3%)
- Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 13.465, 98.143 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, 13.465, 98.143 by changing the saturation by 10% instead.

 97, 13.465, 98.143

 97, 13.465, 98.143

 100, 13.465,
98.143

 87, 13.465, 98.143

 77, 13.465, 98.143

 67, 13.465, 98.143

 57, 13.465, 98.143

 47, 13.465, 98.143

 37, 13.465, 98.143

 27, 13.465, 98.143

 17, 13.465, 98.143

 7, 13.465, 98.143

97, 13.465, 98.143

97, 13.465, 98.143

95, 23.915, 96.955

99, 3.092, 99.271

93, 34.382, 95.723

100, 0.500,
200.699

92, 44.766, 94.466

90, 54.883, 93.188

88, 64.416, 91.892

87, 72.845, 90.563

85, 79.420, 89.168

84, 83.323, 87.638

83, 84.504, 86.464

Harmonies

Complementary

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



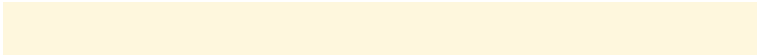
97, 13.465, 98.143



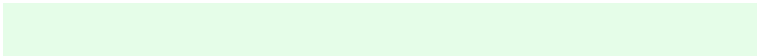
91, 13.650, 281.322

Rectangle

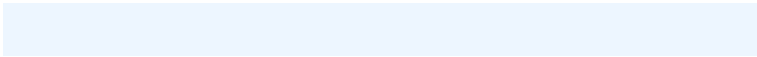
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 13.465, 98.143



97, 13.465, 148.143



97, 13.465, 278.143



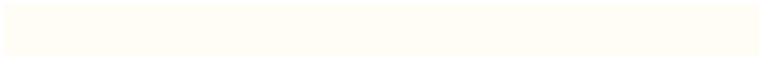
97, 13.465, 328.143

Sweetspot

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



97, 13.467, 98.153



99, 4.135, 99.173



91, 12.552, 3.217



53, 2.941, 99.093



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, 13.467, 98.153



97, 16.662, 97.798



98, 17.089, 120.404



52, 5.901, 98.560



64, 68.458, 86.784



22, 30.214, 88.948

Inverse Universe

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



91, 13.650, 281.322



89, 16.935, 281.744



90, 17.536, 301.996



49, 5.965, 280.855



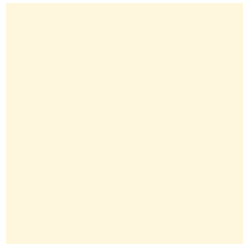
28, 93.229, 302.104



6, 37.202, 297.244

Previews

White Background



This preview shows how the CIELCh color 97, 13.465, 98.143 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, 13.465, 98.143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

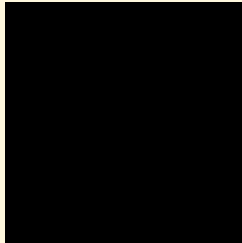
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 13.465, 98.143

Background



This preview shows how black text looks on a background with the CIELCh color 97, 13.465, 98.143.

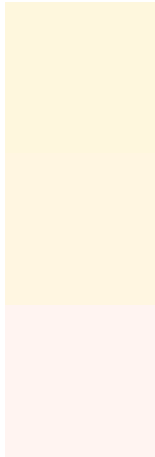


This preview shows how white text looks on a background with the CIELCh color 97, 13.465, 98.143.

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, 13.465, 98.143

Protanopia

97, 11.173, 92.222

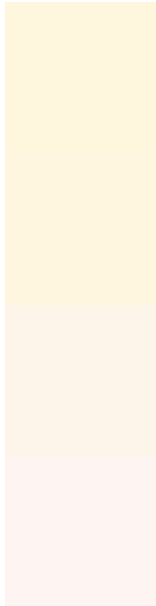
Deuteranopia

97, 4.197, 40.844



Tritanopia
97, 7.283, 322.376

Trichromacy



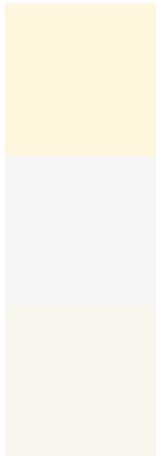
Original Color
97, 13.465, 98.143

Protanomaly
97, 12.060, 95.202

Deuteranomaly
97, 6.455, 79.576

Tritanomaly
97, 3.691, 35.483

Monochromacy



Original Color
97, 13.465, 98.143

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 4.696, 96.618

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 13.465, 98.143 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, 247, 221)` looks like.

```
.text, #text, p{  
    color:rgb(254, 247, 221)  
}
```

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, 247, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 247, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 13.465, 98.143 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, 247, 221) }
```

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

```
.border{ border-color:rgb(254, 247, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 247, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 247, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 247, 221);  
box-shadow:4px 4px 4px 4px rgb(254, 247,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 13.465, 98.143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 247, 221) }
```

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

```
.background{ background-color: rgb(254,  
247, 221) }
```

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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