

Converting Colors

CIELCh(97, 20.921, 108.574)

Have a look what the booklet for
CIELCh(97, 20.921, 108.574)
contains.

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Color

CIELCh(97, 20.810, 108.573)

Conversions

Conversions Part 1

Format	Color
Hex	F9F9D0
RGB	249, 249, 208
RGB Percent	98%, 98%, 82%
CMY	0.0235, 0.0235, 0.1843
CMYK	0.00, 0.00, 0.16, 0.02
HSL	60°, 77%, 90%
HSV	60°, 16%, 98%
XYZ	84.3233, 92.4403, 73.0700
YIQ	244.3260, 13.1610, -12.7510

Conversions

Conversions Part 2

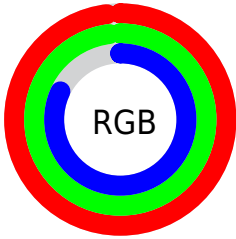
Format	Color
R _Y B	208, 249, 208
Decimal	16382416
CIE Lab	97.00, -6.63, 19.73
CIE LCh	97, 20.810, 108.573
Yxy	92.4403, 0.3375, 0.3700
Android (android.graphics.Color)	4294572496 (0xFFFF9F9D0)
YUV	244.3260, -17.9087, 4.0991
Hunter-Lab	96.1459, -11.7045, 22.2423

Details

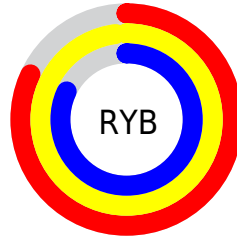
The CIELCh color **97, 20.810, 108.573** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **85, 21.618, 292.005**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 20.746, 109.328** is the 20% darker color. If you saturate the color by 10%, you get **97, 33.295, 107.602**, and if you desaturate by 10%, it is **98, 8.188, 109.550**.

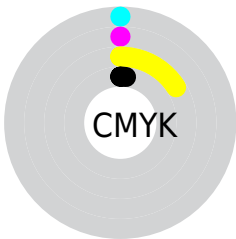
Distribution



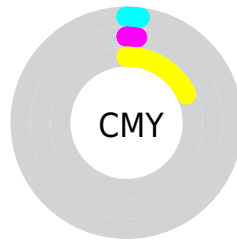
- Red (98%)
- Green (98%)
- Blue (82%)



- Red (82%)
- Yellow (98%)
- Blue (82%)



- Cyan (0%)
- Magenta (0%)
- Yellow (16%)
- Black (2%)





- Cyan (2%)
- Magenta (2%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 20.810, 108.573 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, 20.810, 108.573 by changing the saturation by 10% instead.


 97, 20.810,
108.573


 97, 20.810,
108.573

 100, 20.810,
108.573


 87, 20.810,
108.573

 77, 20.810,
108.573

 67, 20.810,
108.573

 57, 20.810,
108.573

 47, 20.810,
108.573

 37, 20.810,
108.573

 27, 20.810,

108.573

■ 17, 20.810,
108.573

■ 7, 20.810, 108.573

■ 97, 20.810,
108.573

■ 97, 20.810,
108.573

■ 97, 33.295,
107.602

■ 98, 8.188, 109.550

■ 96, 45.511,
106.641

■ 98, 3.069, 290.441

■ 98, 3.069, 290.463

■ 96, 57.264,
105.721

■ 98, 3.069, 290.484

■ 96, 68.252,
104.870

■ 98, 3.069, 290.506

■ 98, 3.069, 290.527

95, 78.032,
104.125

98, 3.069, 290.549

95, 86.026,
103.527

98, 3.070, 290.570

95, 91.640,
103.116

98, 3.070, 290.592

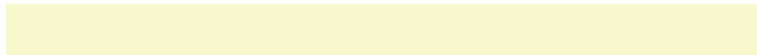
95, 94.559,
102.905

95, 95.177,
102.860

Harmonies

Complementary

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



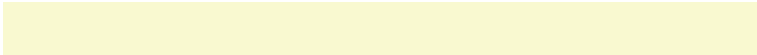
97, 20.810, 108.573



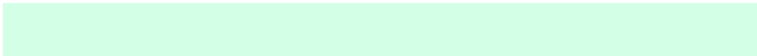
85, 21.618, 292.005

Rectangle

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



97, 20.810, 108.573



97, 20.810, 158.573



97, 20.810, 288.573



97, 20.810, 338.573

Sweetspot

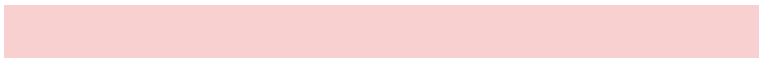
The Sweet Spot groups the original color and five complimentary colors.



97, 20.812, 108.578



100, 6.453, 109.689



87, 15.345, 20.523



53, 4.403, 109.622



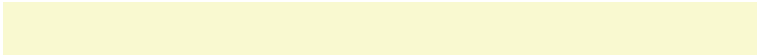
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

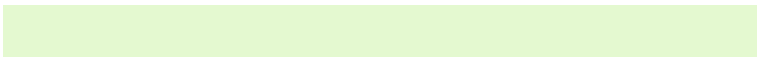
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 20.812, 108.578



99, 25.735, 108.230



96, 22.243, 128.324



52, 7.217, 109.258



74, 77.279, 102.860



25, 34.379, 103.082

Inverse Universe

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



85, 21.618, 292.005



84, 26.967, 292.467



86, 22.753, 309.831



48, 7.380, 291.176



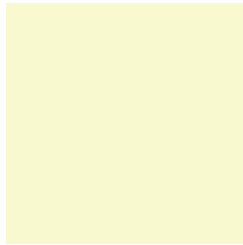
23, 106.708, 306.288



3, 42.026, 300.809

Previews

White Background



This preview shows how the CIE LCh color 97, 20.810, 108.573 looks on a white background.

Color Contrast Check

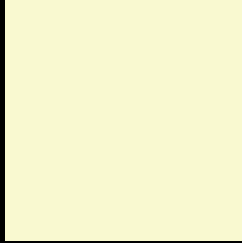
Large Text (above 18pt) WCAG AA × Fail

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, 20.810, 108.573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

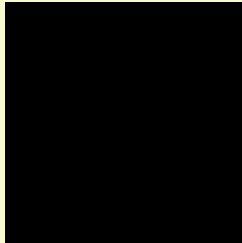
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 20.810, 108.573

Background



This preview shows how black text looks on a background with the CIELCh color 97, 20.810, 108.573.

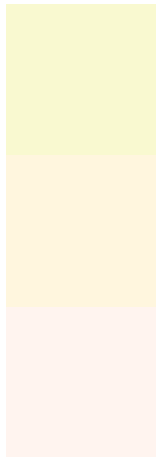


This preview shows how white text looks on a background with the CIELCh color 97, 20.810, 108.573.

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, 20.810, 108.573

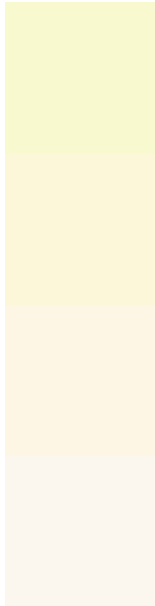
Protanopia
97, 12.646, 94.080

Deuteranopia
97, 4.670, 52.533



Tritanopia
97, 6.317, 316.737

Trichromacy



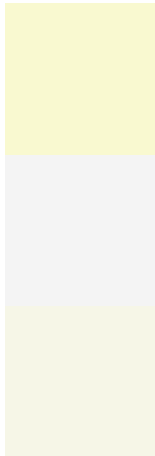
Original Color
97, 20.810, 108.573

Protanomaly
97, 15.412, 100.731

Deuteranomaly
97, 9.499, 93.932

Tritanomaly
97, 4.431, 86.076

Monochromacy



Original Color
97, 20.810, 108.573

Achromatopsia
96, 0.011, 296.813

Achromatomaly
97, 7.645, 109.580

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 20.810, 108.573 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(249, 249, 208)` looks like.

```
.text, #text, p{  
    color:rgb(249, 249, 208)  
}
```

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(249, 249, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 249, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 20.810, 108.573 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(249, 249, 208) }
```

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

```
.border{ border-color:rgb(249, 249, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 249, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 249, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 249, 208);  
box-shadow:4px 4px 4px 4px rgb(249, 249,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 20.810, 108.573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 249, 208) }
```

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

```
.background{ background-color: rgb(249,  
249, 208) }
```

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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