

Converting Colors

CIE LCh(97, 1.246, 356.630)

Have a look what the booklet for
CIELCh(97, 1.246, 356.630) contains.

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Color

CIELCh(97, 1.058, 18.865)

Conversions

Conversions Part 1

Format	Color
Hex	F9F6F6
RGB	249, 246, 246
RGB Percent	98%, 96%, 96%
CMY	0.0247, 0.0365, 0.0365
CMYK	0.00, 0.01, 0.01, 0.02
HSL	0°, 19%, 97%
HSV	0°, 1%, 98%
XYZ	88.4046, 92.4403, 100.1225
YIQ	246.8970, 1.7880, 0.6360

Conversions

Conversions Part 2

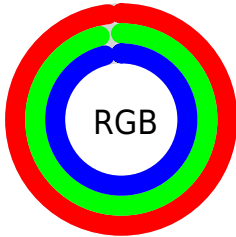
Format	Color
RYB	249, 246, 246
Decimal	16381686
CIELab	97.00, 1.00, 0.34
CIElCh	97, 1.058, 18.865
Yxy	92.4403, 0.3146, 0.3290
Android (android.graphics.Color)	4294571766 (0xFFFF9F6F6)
YUV	246.8970, -0.4422, 1.8443
Hunter-Lab	96.1459, -4.1273, 5.5599

Details

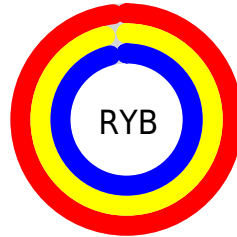
The CIELCh color **97, 1.058, 18.865** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 1.046, 200.076**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 1.111, 19.016** is the 20% darker color. If you saturate the color by 10%, you get **90, 10.202, 20.190**, and if you desaturate by 10%, it is **100, 2.188, 199.569**.

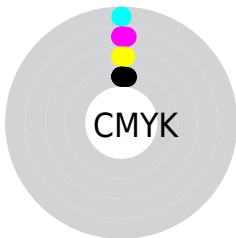
Distribution



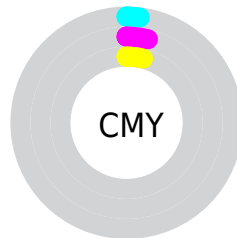
- Red (98%)
- Green (96%)
- Blue (96%)



- Red (98%)
- Yellow (96%)
- Blue (96%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (2%)

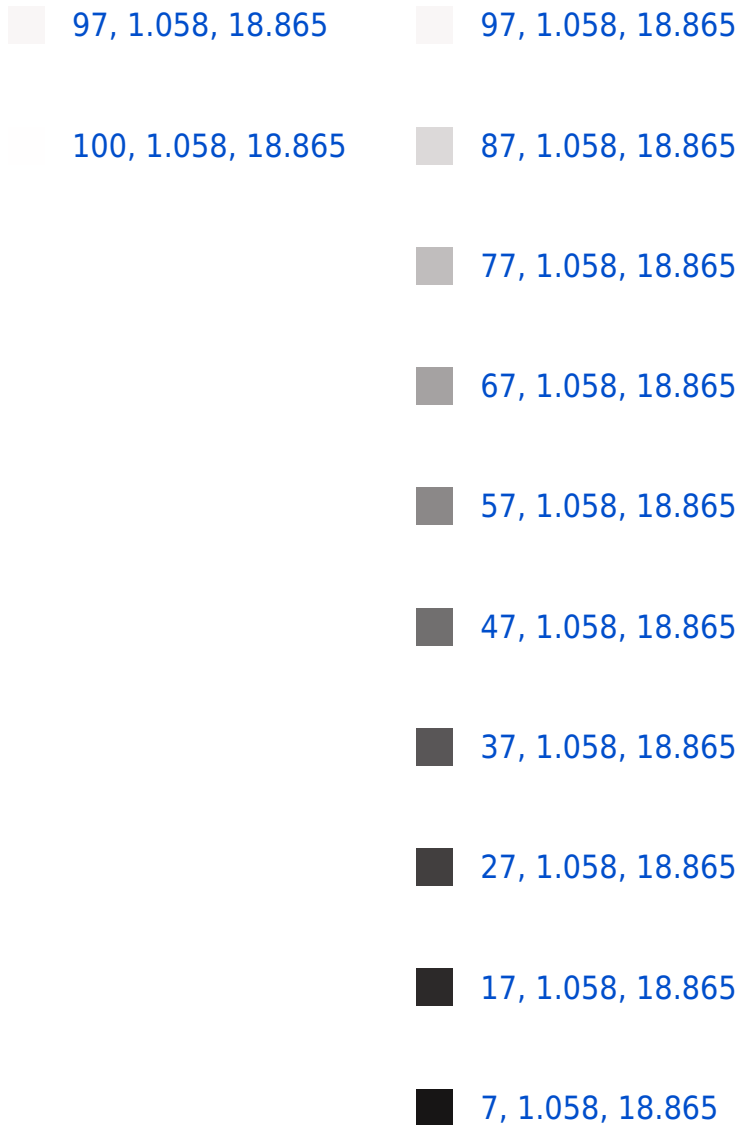


- Cyan (2%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 1.058, 18.865 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, 1.058, 18.865 by changing the saturation by 10% instead.



97, 1.058, 18.865

97, 1.058, 18.865

90, 10.202, 20.190

100, 2.188,
199.569

84, 20.086, 21.072

77, 30.711, 22.195

71, 42.008, 23.660

66, 53.808, 25.577

61, 65.826, 28.058

57, 77.650, 31.154

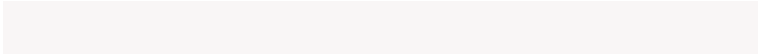
54, 88.672, 34.709

53, 97.668, 38.053

Harmonies

Complementary

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



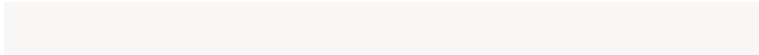
97, 1.058, 18.865



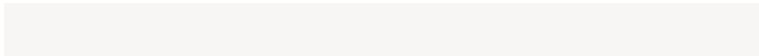
98, 1.046, 200.076

Rectangle

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



97, 1.058, 18.865



97, 1.058, 68.865



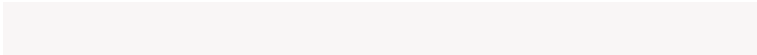
97, 1.058, 198.865



97, 1.058, 248.865

Sweetspot

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



97, 1.056, 18.980

100, 0.012, 296.813



97, 1.879, 324.347



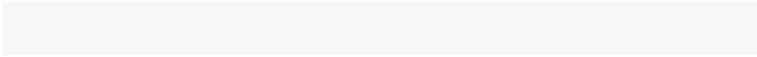
53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

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



97, 1.056, 18.980



99, 0.893, 18.842



97, 0.916, 74.801



52, 0.500, 18.799



39, 83.372, 40.014



9, 32.165, 26.210

Inverse Universe

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



98, 1.046, 200.076



100, 0.885, 200.214



97, 0.930, 256.030



52, 0.495, 200.258



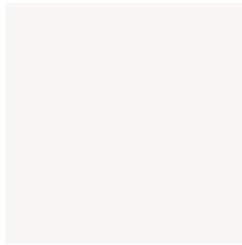
69, 39.883, 196.600



23, 18.049, 196.573

Previews

White Background



This preview shows how the CIELCh color 97, 1.058, 18.865 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 CIE LCh color 97, 1.058, 18.865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

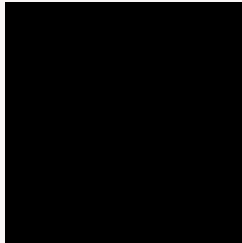
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

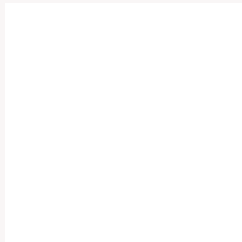
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 1.058, 18.865

Background



This preview shows how black text looks on a background with the CIELCh color 97, 1.058, 18.865.

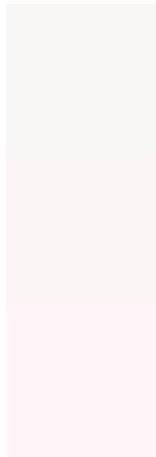


This preview shows how white text looks on a background with the CIELCh color 97, 1.058, 18.865.

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, 1.058, 18.865

Protanopia

97, 2.121, 19.242

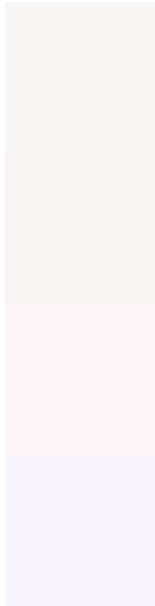
Deuteranopia

97, 4.195, 358.142



Tritanopia
97, 5.326, 305.676

Trichromacy



Original Color

97, 1.058, 18.865

Protanomaly

97, 1.766, 19.158

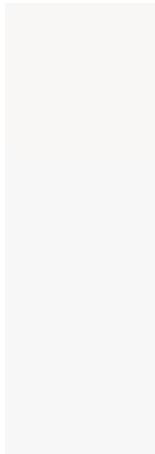
Deuteranomaly

97, 3.016, 359.615

Tritanomaly

97, 3.868, 311.597

Monochromacy



Original Color

97, 1.058, 18.865

Achromatopsia

97, 0.011, 296.813

Achromatomaly

97, 0.353, 17.595

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 1.058, 18.865 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, 246, 246)` looks like.

```
.text, #text, p{  
    color:rgb(249, 246, 246)  
}
```

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, 246, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 246, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 1.058, 18.865 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, 246, 246) }
```

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

```
.border{ border-color:rgb(249, 246, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 246, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 246, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 246, 246);  
box-shadow:4px 4px 4px 4px rgb(249, 246,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 1.058, 18.865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 246, 246) }
```

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

```
.background{ background-color: rgb(249,  
246, 246) }
```

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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