

Converting Colors

CIELCh(100, 11.186, 45.685)

Have a look what the booklet for
CIELCh(100, 11.186, 45.685)
contains.

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Color

CIELCh(98, 5.031, 84.604)

Conversions

Conversions Part 1

Format	Color
Hex	FFF9F0
RGB	255, 249, 240
RGB Percent	100%, 98%, 94%
CMY	0.0018, 0.0253, 0.0605
CMYK	0.00, 0.02, 0.06, 0.00
HSL	36°, 94%, 97%
HSV	36°, 6%, 100%
XYZ	90.4759, 94.9163, 95.6465
YIQ	249.7680, 6.4650, -1.5270

Conversions

Conversions Part 2

Format	Color
R _Y B	250, 255, 240
Decimal	16775664
CIE Lab	98.00, 0.47, 5.01
CIE LCh	98, 5.031, 84.604
Yxy	94.9163, 0.3219, 0.3377
Android (android.graphics.Color)	4294965744 (0xFFFF9F0)
YUV	249.7680, -4.8156, 4.5885
Hunter-Lab	97.4250, -4.7257, 9.9898

Details

The CIELCh color **98, 5.031, 84.604** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **97, 5.019, 266.288**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 5.138, 88.248** is the 20% darker color. If you saturate the color by 10%, you get **95, 13.801, 83.372**, and if you desaturate by 10%, it is **100, 0.155, 203.679**.

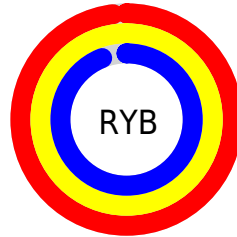
Distribution



Red (100%)

Green (98%)

Blue (94%)



Red (98%)

Yellow (100%)

Blue (94%)



Cyan (0%)

Magenta (2%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (3%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 5.031, 84.604 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 98, 5.031, 84.604 by changing the saturation by 10% instead.

 98, 5.031, 84.604

 98, 5.031, 84.604

 100, 5.031, 84.604

 88, 5.031, 84.604

 78, 5.031, 84.604

 68, 5.031, 84.604

 58, 5.031, 84.604

 48, 5.031, 84.604

 38, 5.031, 84.604

 28, 5.031, 84.604

 18, 5.031, 84.604

 8, 5.031, 84.604

98, 5.031, 84.604

98, 5.031, 84.604

95, 13.801, 83.372

100, 0.155,
203.679

92, 22.840, 82.038

89, 32.137, 80.662

86, 41.645, 79.246

83, 51.243, 77.781

81, 60.678, 76.233

78, 69.455, 74.525

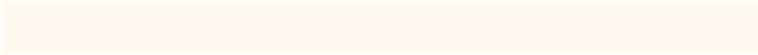
75, 76.738, 72.498

73, 81.456, 69.895

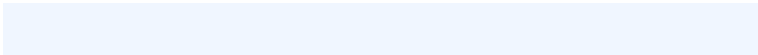
Harmonies

Complementary

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



98, 5.031, 84.604



97, 5.019, 266.288

Rectangle

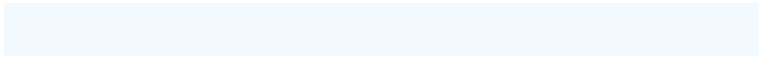
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 5.031, 84.604



98, 5.031, 134.604



98, 5.031, 264.604



98, 5.031, 314.604

Sweetspot

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



98, 5.032, 84.632



99, 1.695, 84.991



96, 6.159, 349.859



53, 0.963, 84.993



0, 0.000, 0.000



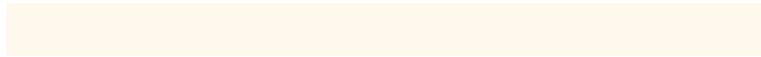
53, 0.007, 296.813

Same Dimension

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



98, 5.032, 84.632



98, 6.001, 84.501



99, 7.617, 113.625



52, 3.903, 84.427



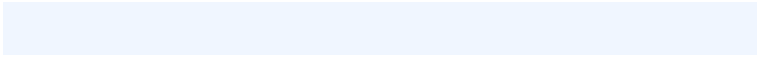
55, 66.703, 69.334



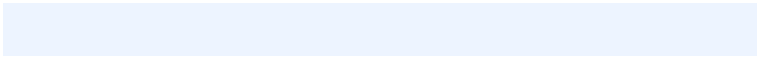
18, 27.384, 71.896

Inverse Universe

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



97, 5.019, 266.288



96, 5.975, 266.431



95, 7.735, 294.609



51, 3.883, 266.512



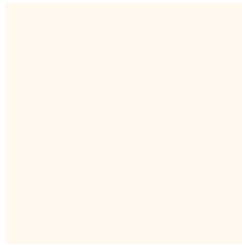
36, 70.609, 292.540



10, 28.366, 286.825

Previews

White Background



This preview shows how the CIELCh color 98, 5.031, 84.604 looks on a white background.

Color Contrast Check

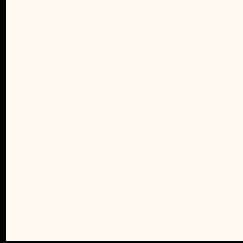
Large Text (above 18pt) WCAG AA × Fail

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 98, 5.031, 84.604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

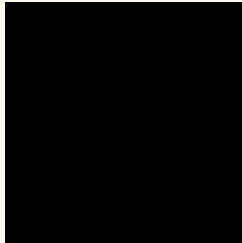
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 5.031, 84.604

Background



This preview shows how black text looks on a background with the CIELCh color 98, 5.031, 84.604.



This preview shows how white text looks on a background with the CIELCh color 98, 5.031, 84.604.

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



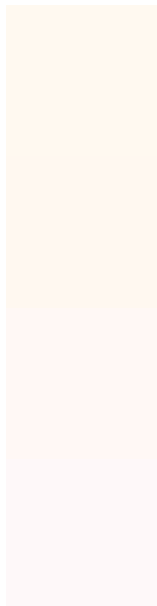
Original Color
98, 5.031, 84.604

Protanopia
98, 4.327, 74.647

Deuteranopia
98, 2.470, 19.304

Tritanopia
98, 4.002, 316.244

Trichromacy



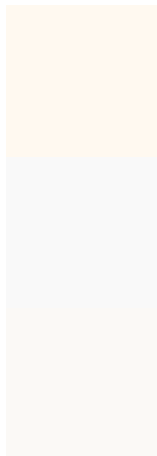
Original Color
98, 5.031, 84.604

Protanomaly
98, 4.754, 78.119

Deuteranomaly
98, 2.896, 51.088

Tritanomaly
98, 2.181, 5.749

Monochromacy



Original Color
98, 5.031, 84.604

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 1.666, 84.962

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 5.031, 84.604 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, 249, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 240)  
}
```

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, 249, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 5.031, 84.604 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, 249, 240) }
```

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

```
.border{ border-color:rgb(255, 249, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 249, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 5.031, 84.604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 249, 240) }
```

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

```
.background{ background-color: rgb(255,  
249, 240) }
```

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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