

Converting Colors

CIELCh(100, 14.260, 37.241)

Have a look what the booklet for
CIELCh(100, 14.260, 37.241)
contains.

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Color

CIELCh(98, 4.955, 74.563)

Conversions

Conversions Part 1

Format	Color
Hex	FFF8F0
RGB	255, 248, 240
RGB Percent	100%, 97%, 94%
CMY	0.0000, 0.0273, 0.0587
CMYK	0.00, 0.03, 0.06, 0.00
HSL	32°, 100%, 97%
HSV	32°, 6%, 100%
XYZ	90.9434, 94.9163, 95.9952
YIQ	249.1810, 6.7400, -1.0040

Conversions

Conversions Part 2

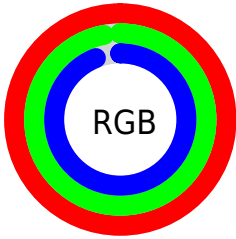
Format	Color
R_{YB}	253, 255, 240
Decimal	16775408
CIE _{Lab}	98.00, 1.32, 4.78
CIE _{LCh}	98, 4.955, 74.563
Yxy	94.9163, 0.3227, 0.3368
Android (android.graphics.Color)	4294965488 (0xFFFFF8F0)
YUV	249.1810, -4.5262, 5.1033
Hunter-Lab	97.4250, -3.8690, 9.7776

Details

The CIELCh color **98, 4.955, 74.563** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **97, 4.712, 260.014**, 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, 4.812, 81.789** is the 20% darker color. If you saturate the color by 10%, you get **94, 13.122, 77.117**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

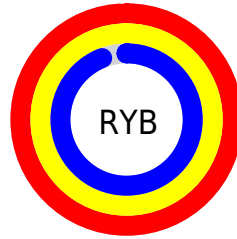
Distribution



Red (100%)

Green (97%)

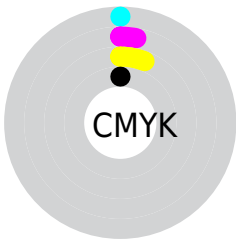
Blue (94%)



Red (99%)

Yellow (100%)

Blue (94%)

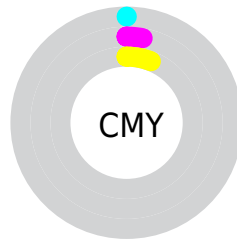


Cyan (0%)

Magenta (3%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (3%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 4.955, 74.563 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, 4.955, 74.563 by changing the saturation by 10% instead.

 98, 4.955, 74.563	 98, 4.955, 74.563
 100, 4.955, 74.563	 88, 4.955, 74.563
	 78, 4.955, 74.563
	 68, 4.955, 74.563
	 58, 4.955, 74.563
	 48, 4.955, 74.563
	 38, 4.955, 74.563
	 28, 4.955, 74.563
	 18, 4.955, 74.563
	 8, 4.955, 74.563

98, 4.955, 74.563

98, 4.955, 74.563

94, 13.122, 77.117

100, 0.012,
296.813

91, 21.843, 75.819

88, 30.922, 74.490

84, 40.335, 73.136

81, 49.994, 71.746

78, 59.686, 70.284

75, 68.966, 68.661

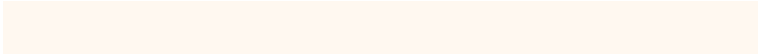
72, 77.009, 66.686

70, 82.647, 64.041

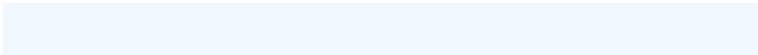
Harmonies

Complementary

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



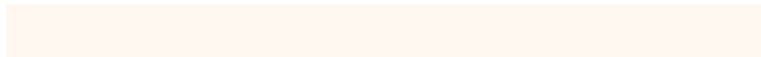
98, 4.955, 74.563



97, 4.712, 260.014

Rectangle

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



98, 4.955, 74.563



98, 4.955, 124.563



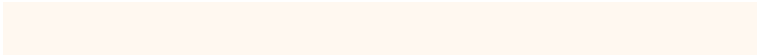
98, 4.955, 254.563



98, 4.955, 304.563

Sweetspot

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



98, 4.749, 78.344



99, 1.601, 78.662



96, 6.412, 345.911



53, 0.910, 78.661



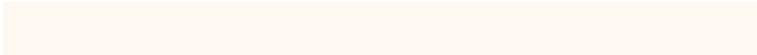
0, 0.000, 0.000



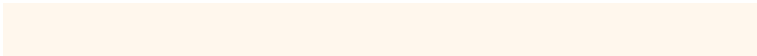
53, 0.007, 296.813

Same Dimension

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



98, 4.749, 78.344



98, 5.681, 78.215



100, 7.577, 110.947



52, 3.696, 78.144



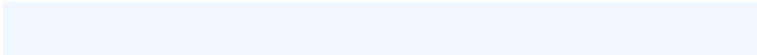
53, 67.783, 63.500



17, 27.044, 65.394

Inverse Universe

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



97, 4.712, 260.014



96, 5.619, 260.157



95, 7.695, 292.057



51, 3.651, 260.235



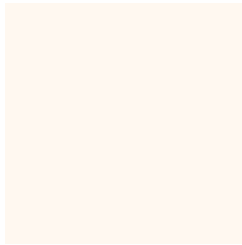
39, 62.551, 287.474



11, 25.302, 281.208

Previews

White Background



This preview shows how the CIE LCh color 98, 4.955, 74.563 looks on a white background.

Color Contrast Check

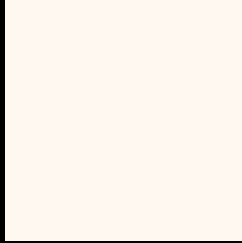
Large Text (above 18pt) WCAG AA × Fail

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, 4.955, 74.563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

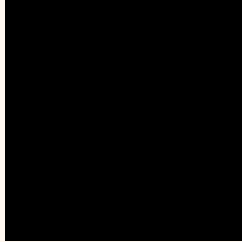
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 4.955, 74.563

Background



This preview shows how black text looks on a background with the CIELCh color 98, 4.955, 74.563.



This preview shows how white text looks on a background with the CIELCh color 98, 4.955, 74.563.

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, 4.754, 78.119

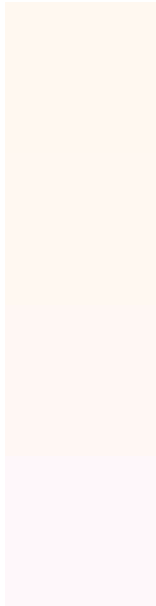
Protanopia
98, 4.327, 74.647

Deuteranopia
98, 2.827, 19.362



Tritanopia
98, 4.619, 317.378

Trichromacy



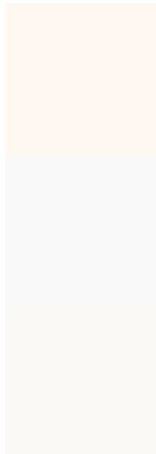
Original Color
98, 4.754, 78.119

Protanomaly
98, 4.327, 74.647

Deuteranomaly
98, 3.208, 47.763

Tritanomaly
98, 2.918, 347.752

Monochromacy



Original Color
98, 4.754, 78.119

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, 4.955, 74.563 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, 248, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 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, 248, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 4.955, 74.563 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, 248, 240) }
```

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

```
.border{ border-color:rgb(255, 248, 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, 248, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 4.955, 74.563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 248, 240) }
```

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

```
.background{ background-color: rgb(255,  
248, 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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