

Converting Colors

CIELCh(100, 11.956, 59.388)

Have a look what the booklet for
CIELCh(100, 11.956, 59.388)
contains.

CIELCh(98, 7.814, 96.274)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(98, 7.814, 96.274)

Conversions

Conversions Part 1

Format	Color
Hex	FEF9EA
RGB	254, 249, 234
RGB Percent	100%, 98%, 92%
CMY	0.0032, 0.0228, 0.0816
CMYK	0.00, 0.02, 0.08, 0.00
HSL	45°, 92%, 96%
HSV	45°, 8%, 100%
XYZ	89.7455, 94.9163, 91.5734
YIQ	248.7850, 7.7950, -3.6050

Conversions

Conversions Part 2

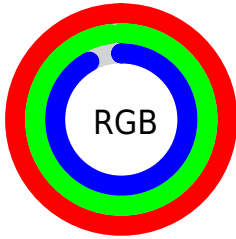
Format	Color
R _Y B	241, 254, 234
Decimal	16710122
CIE Lab	98.00, -0.85, 7.77
CIE LCh	98, 7.814, 96.274
Yxy	94.9163, 0.3249, 0.3436
Android (android.graphics.Color)	4294900202 (0xFFFEF9EA)
YUV	248.7850, -7.2890, 4.5736
Hunter-Lab	97.4250, -6.0638, 12.4686

Details

The CIELCh color **98, 7.814, 96.274** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 7.872, 278.251**, 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, 8.131, 98.649** is the 20% darker color. If you saturate the color by 10%, you get **96, 17.877, 95.083**, and if you desaturate by 10%, it is **100, 0.286, 201.702**.

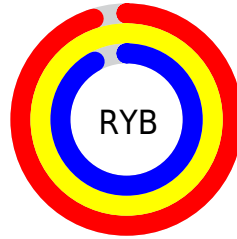
Distribution



Red (100%)

Green (98%)

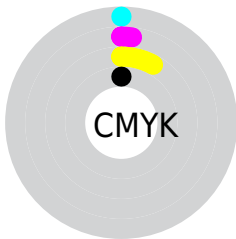
Blue (92%)



Red (95%)

Yellow (100%)

Blue (92%)

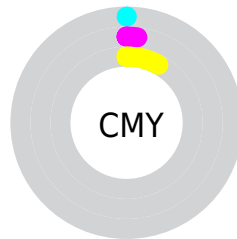


Cyan (0%)

Magenta (2%)

Yellow (8%)

Black (0%)



Cyan (0%)

Magenta (2%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 7.814, 96.274 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, 7.814, 96.274 by changing the saturation by 10% instead.

 98, 7.814, 96.274

 98, 7.814, 96.274

 100, 7.814, 96.274

 88, 7.814, 96.274

 78, 7.814, 96.274

 68, 7.814, 96.274


 58, 7.814, 96.274

 48, 7.814, 96.274

 38, 7.814, 96.274

 28, 7.814, 96.274

 18, 7.814, 96.274

 8, 7.814, 96.274

98, 7.814, 96.274

98, 7.814, 96.274

96, 17.877, 95.083

100, 0.286,
201.702

94, 28.031, 93.827

92, 38.214, 92.534

90, 48.305, 91.210

88, 58.082, 89.854

86, 67.155, 88.452

84, 74.899, 86.968

83, 80.457, 85.327

81, 83.136, 83.418

Harmonies

Complementary

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



98, 7.814, 96.274



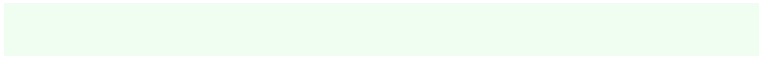
95, 7.872, 278.251

Rectangle

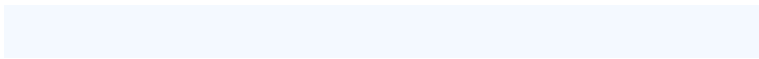
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 7.814, 96.274



98, 7.814, 146.274



98, 7.814, 276.274



98, 7.814, 326.274

Sweetspot

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



98, 7.816, 96.290



100, 1.977, 96.903



94, 7.607, 0.190



53, 1.124, 96.908



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, 7.816, 96.290



98, 8.977, 96.157



99, 10.304, 119.423



52, 5.673, 96.097



62, 67.517, 83.385



21, 29.455, 85.838

Inverse Universe

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



95, 7.872, 278.251



94, 9.045, 278.398



94, 10.482, 300.416



50, 5.717, 278.465



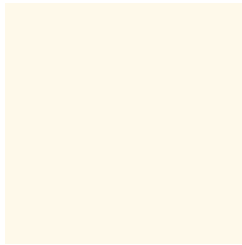
29, 89.078, 300.690



7, 35.665, 295.897

Previews

White Background



This preview shows how the CIE LCh color 98, 7.814, 96.274 looks on a white background.

Color Contrast Check

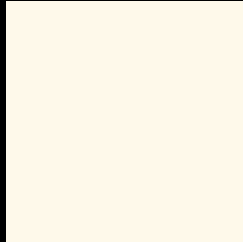
Large Text (above 18pt) WCAG AA × Fail

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 98, 7.814, 96.274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

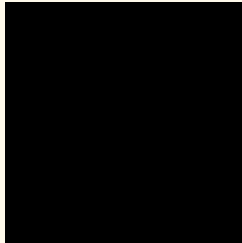
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 7.814, 96.274

Background



This preview shows how black text looks on a background with the CIELCh color 98, 7.814, 96.274.

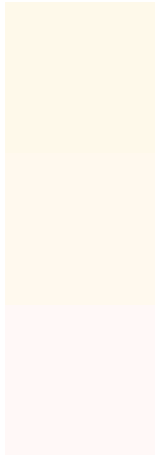


This preview shows how white text looks on a background with the CIELCh color 98, 7.814, 96.274.

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, 7.820, 96.270

Protanopia

98, 5.971, 88.637

Deuteranopia

98, 2.519, 30.953

Tritanopia
98, 4.002, 316.244

Trichromacy



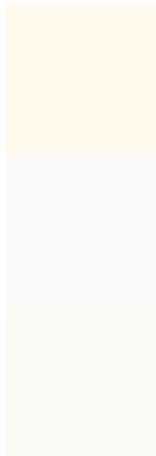
Original Color
98, 7.820, 96.270

Protanomaly
98, 6.450, 90.201

Deuteranomaly
98, 3.919, 70.425

Tritanomaly
98, 1.828, 35.313

Monochromacy



Original Color
98, 7.820, 96.270

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 2.625, 94.317

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 7.814, 96.274 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, 249, 234)` looks like.

```
.text, #text, p{  
    color:rgb(254, 249, 234)  
}
```

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, 249, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 249, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 7.814, 96.274 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, 249, 234) }
```

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

```
.border{ border-color:rgb(254, 249, 234) }
```

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

Here you see how a box with a 4 pixel rgb(254, 249, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 249, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 249, 234);  
box-shadow:4px 4px 4px 4px rgb(254, 249,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 7.814, 96.274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 249, 234) }
```

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

```
.background{ background-color: rgb(254,  
249, 234) }
```

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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