

Converting Colors

CIELCh(98, 2.231, 79.556)

Have a look what the booklet for
CIELCh(98, 2.231, 79.556) contains.

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Color

CIELCh(98, 2.277, 82.225)

Conversions

Conversions Part 1

Format	Color
Hex	FCF9F5
RGB	252, 249, 245
RGB Percent	99%, 98%, 96%
CMY	0.0123, 0.0241, 0.0398
CMYK	0.00, 0.01, 0.03, 0.01
HSL	34°, 53%, 97%
HSV	34°, 3%, 99%
XYZ	90.3848, 94.9163, 99.8296
YIQ	249.4410, 3.0720, -0.6080

Conversions

Conversions Part 2

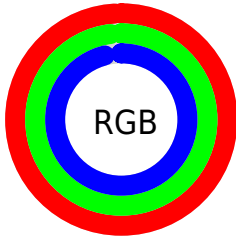
Format	Color
R _Y B	250, 252, 245
Decimal	16579061
CIE Lab	98.00, 0.31, 2.26
CIE LCh	98, 2.277, 82.225
Yxy	94.9163, 0.3170, 0.3329
Android (android.graphics.Color)	4294769141 (0xFFFCF9F5)
YUV	249.4410, -2.1894, 2.2442
Hunter-Lab	97.4250, -4.8925, 7.4441

Details

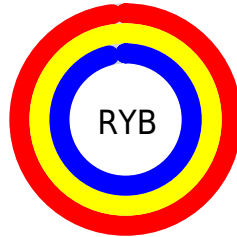
The CIELCh color 98, 2.277, 82.225 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97, 2.288, 263.314, and the grayscale version is 98, 0.011, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 78, 2.246, 90.646 is the 20% darker color. If you saturate the color by 10%, you get 95, 10.692, 81.126, and if you desaturate by 10%, it is 100, 1.091, 199.943.

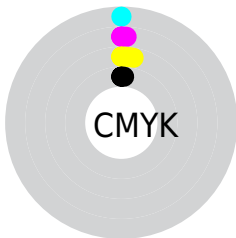
Distribution



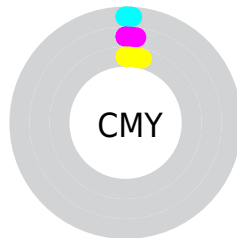
- Red (99%)
- Green (98%)
- Blue (96%)



- Red (98%)
- Yellow (99%)
- Blue (96%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (1%)



- Cyan (1%)
- Magenta (2%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 2.277, 82.225 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, 2.277, 82.225 by changing the saturation by 10% instead.

 98, 2.277, 82.225	 98, 2.277, 82.225
 100, 2.277, 82.225	 88, 2.277, 82.225
	 78, 2.277, 82.225
	 68, 2.277, 82.225
	 58, 2.277, 82.225
	 48, 2.277, 82.225
	 38, 2.277, 82.225
	 28, 2.277, 82.225
	 18, 2.277, 82.225
	 8, 2.277, 82.225

98, 2.277, 82.225

98, 2.277, 82.225

95, 10.692, 81.126

100, 1.091,
199.943

92, 19.403, 79.817

88, 28.416, 78.464

85, 37.708, 77.077

82, 47.200, 75.650

80, 56.708, 74.157

77, 65.852, 72.534

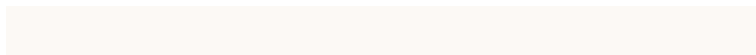
74, 73.928, 70.642

72, 79.880, 68.227

Harmonies

Complementary

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



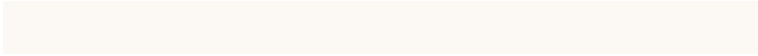
98, 2.277, 82.225



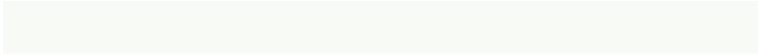
97, 2.288, 263.314

Rectangle

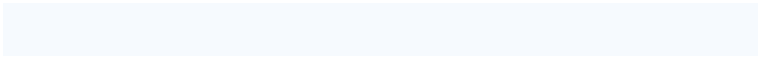
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



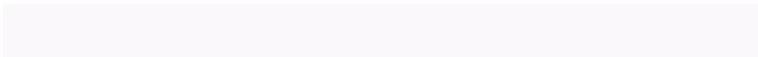
98, 2.277, 82.225



98, 2.277, 132.225



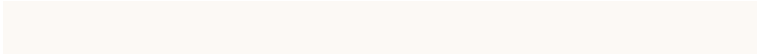
98, 2.277, 262.225



98, 2.277, 312.225

Sweetspot

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



98, 2.278, 82.286



100, 0.819, 82.217



97, 2.931, 347.474



53, 0.466, 82.199



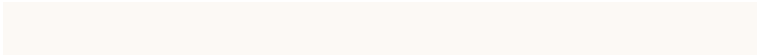
0, 0.000, 0.000



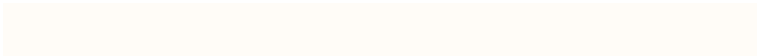
53, 0.007, 296.813

Same Dimension

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



98, 2.278, 82.286



99, 2.486, 82.270



99, 3.553, 112.550



52, 1.858, 82.201



53, 66.401, 66.780



17, 26.028, 69.008

Inverse Universe

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



97, 2.288, 263.314



98, 2.494, 263.331



97, 3.596, 293.056



51, 1.858, 263.405



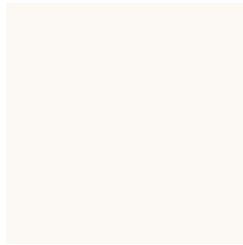
37, 66.327, 290.426



10, 26.095, 284.142

Previews

White Background



This preview shows how the CIE LCh color 98, 2.277, 82.225 looks on a white background.

Color Contrast Check

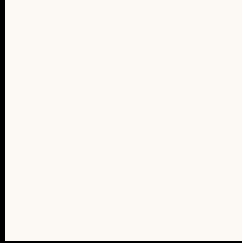
Large Text (above 18pt) WCAG AA × Fail

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, 2.277, 82.225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

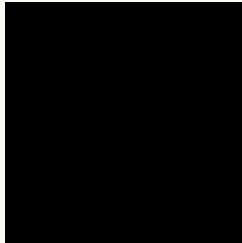
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 2.277, 82.225

Background



This preview shows how black text looks on a background with the CIELCh color 98, 2.277, 82.225.



This preview shows how white text looks on a background with the CIELCh color 98, 2.277, 82.225.

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, 2.277, 82.225

Protanopia

98, 3.192, 58.882

Deuteranopia

98, 3.011, 359.612

Tritanopia
98, 3.744, 306.635

Trichromacy



Original Color

98, 2.277, 82.225

Protanomaly

98, 2.925, 63.312

Deuteranomaly

98, 2.172, 32.785

Tritanomaly

98, 1.876, 324.345

Monochromacy



Original Color

98, 2.277, 82.225

Achromatopsia

98, 0.011, 296.813

Achromatomaly

98, 1.064, 90.709

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 2.277, 82.225 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(252, 249, 245)` looks like.

```
.text, #text, p{  
    color:rgb(252, 249, 245)  
}
```

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(252, 249, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 249, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 2.277, 82.225 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(252, 249, 245) }
```

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

```
.border{ border-color:rgb(252, 249, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 249, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 249, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 249, 245);  
box-shadow:4px 4px 4px 4px rgb(252, 249,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 2.277, 82.225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 249, 245) }
```

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

```
.background{ background-color: rgb(252,  
249, 245) }
```

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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