

Converting Colors

CIELCh(100, 9.340, 24.871)

Have a look what the booklet for
CIELCh(100, 9.340, 24.871) contains.

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Color

CIELCh(98, 2.170, 32.783)

Conversions

Conversions Part 1

Format	Color
Hex	FEF8F7
RGB	254, 248, 247
RGB Percent	100%, 97%, 97%
CMY	0.0040, 0.0274, 0.0314
CMYK	0.00, 0.02, 0.03, 0.00
HSL	9°, 78%, 98%
HSV	9°, 3%, 100%
XYZ	91.2236, 94.9163, 101.5053
YIQ	249.6800, 3.8970, 0.9610

Conversions

Conversions Part 2

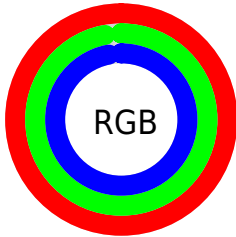
Format	Color
R_{YB}	254, 248, 247
Decimal	16709879
CIE _{Lab}	98.00, 1.82, 1.17
CIE _{LCh}	98, 2.170, 32.783
Yxy	94.9163, 0.3171, 0.3300
Android (android.graphics.Color)	4294899959 (0xFFFEF8F7)
YUV	249.6800, -1.3212, 3.7886
Hunter-Lab	97.4250, -3.3557, 6.4243

Details

The CIELCh color **98, 2.170, 32.783** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **99, 2.134, 213.445**, 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, 1.922, 35.386** is the 20% darker color. If you saturate the color by 10%, you get **92, 10.476, 33.198**, and if you desaturate by 10%, it is **100, 0.350, 201.278**.

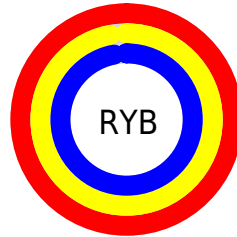
Distribution



Red (100%)

Green (97%)

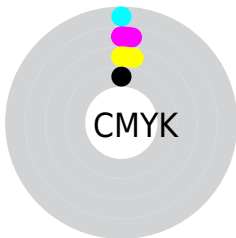
Blue (97%)



Red (100%)

Yellow (97%)

Blue (97%)

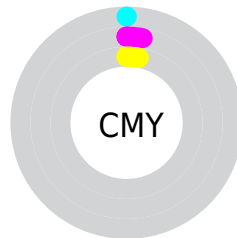


Cyan (0%)

Magenta (2%)

Yellow (3%)

Black (0%)



Cyan (0%)













Magenta (3%)

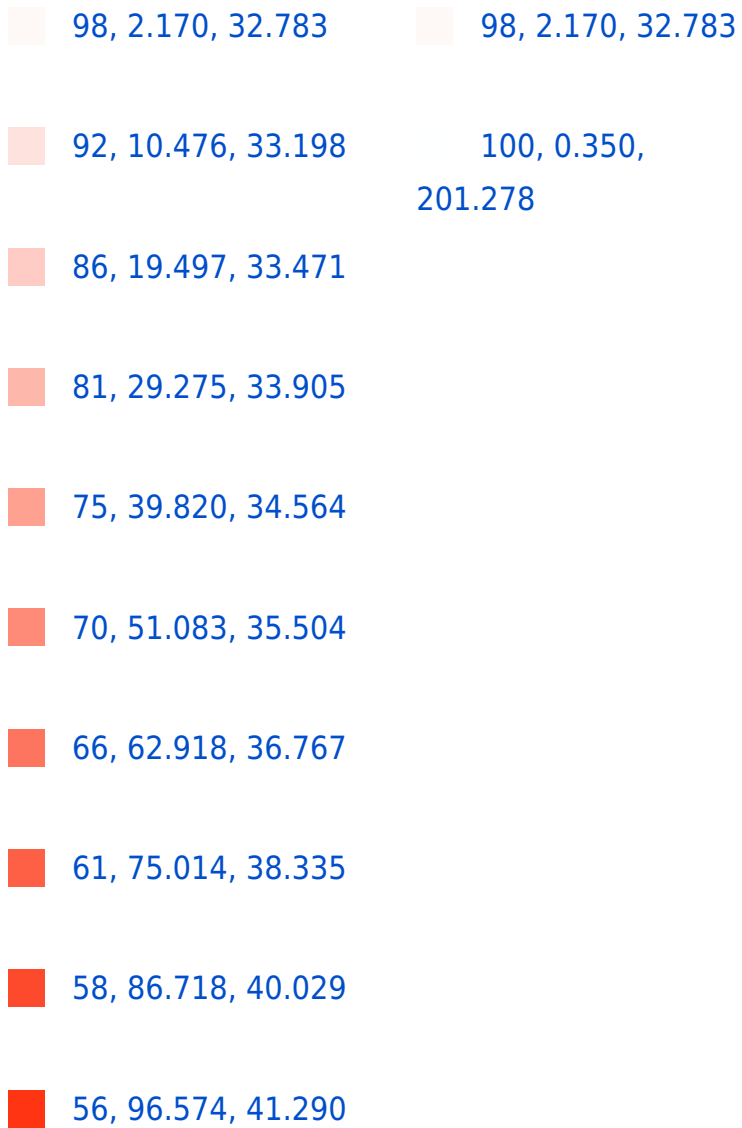
Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 2.170, 32.783 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, 2.170, 32.783 by changing the saturation by 10% instead.

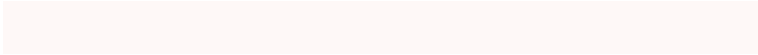
 98, 2.170, 32.783	 98, 2.170, 32.783
 100, 2.170, 32.783	 88, 2.170, 32.783
	 78, 2.170, 32.783
	 68, 2.170, 32.783
	 58, 2.170, 32.783
	 48, 2.170, 32.783
	 38, 2.170, 32.783
	 28, 2.170, 32.783
	 18, 2.170, 32.783
	 8, 2.170, 32.783



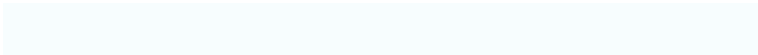
Harmonies

Complementary

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



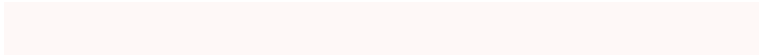
98, 2.170, 32.783



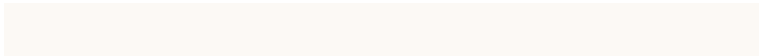
99, 2.134, 213.445

Rectangle

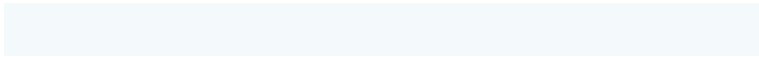
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 2.170, 32.783



98, 2.170, 82.783



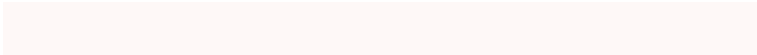
98, 2.170, 212.783



98, 2.170, 262.783

Sweetspot

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



98, 2.169, 32.849



99, 0.784, 32.299



98, 3.974, 328.383



53, 0.445, 32.255



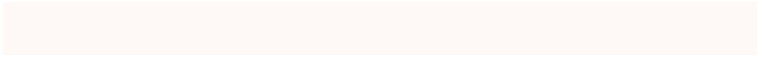
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

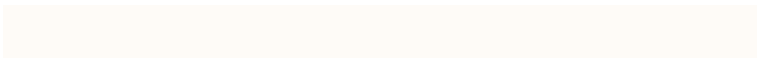
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 2.169, 32.849



98, 2.373, 32.876



99, 2.408, 87.891



52, 1.805, 32.940



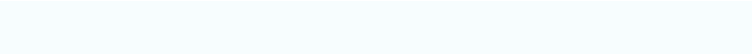
41, 81.692, 41.964



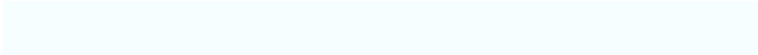
11, 30.804, 34.217

Inverse Universe

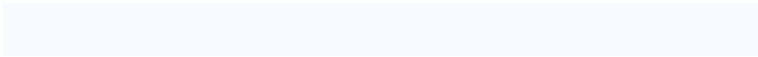
The Inverse Universe completely reimagines the original color for something new.



99, 2.134, 213.445



99, 2.331, 213.419



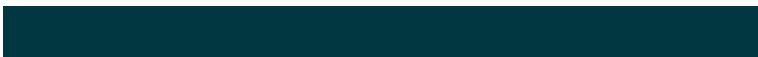
98, 2.424, 268.846



53, 1.763, 213.360



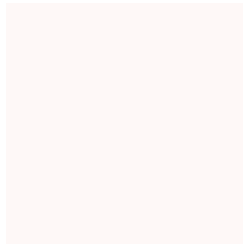
62, 35.153, 223.328



20, 16.272, 219.653

Previews

White Background



This preview shows how the CIE LCh color 98, 2.170, 32.783 looks on a white background.

Color Contrast Check

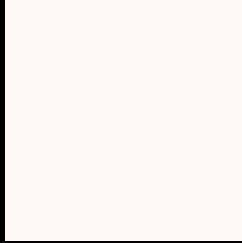
Large Text (above 18pt) WCAG AA × Fail

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, 2.170, 32.783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

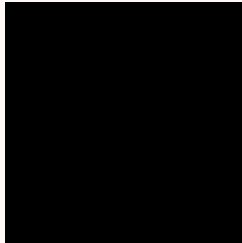
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

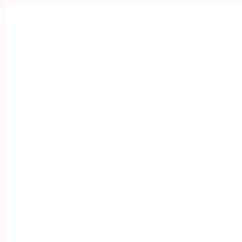
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 2.170, 32.783

Background



This preview shows how black text looks on a background with the CIELCh color 98, 2.170, 32.783.

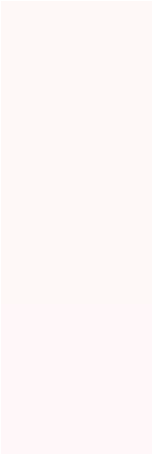


This preview shows how white text looks on a background with the CIELCh color 98, 2.170, 32.783.

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, 2.172, 32.785

Protanopia
98, 2.172, 32.785

Deuteranopia
98, 3.011, 359.612

Tritanopia
98, 3.859, 311.595

Trichromacy



Original Color

98, 2.172, 32.785

Protanomaly

98, 2.172, 32.785

Deuteranomaly

98, 2.876, 9.172

Tritanomaly

98, 2.713, 330.516

Monochromacy



Original Color

98, 2.172, 32.785

Achromatopsia

98, 0.011, 296.813

Achromatomaly

98, 0.704, 18.526

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 2.170, 32.783 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, 248, 247)` looks like.

```
.text, #text, p{  
    color:rgb(254, 248, 247)  
}
```

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, 248, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 248, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 2.170, 32.783 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, 248, 247) }
```

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

```
.border{ border-color:rgb(254, 248, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 248, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 248, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 248, 247);  
box-shadow:4px 4px 4px 4px rgb(254, 248,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 2.170, 32.783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 248, 247) }
```

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

```
.background{ background-color: rgb(254,  
248, 247) }
```

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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