

Converting Colors

CIELCh(100, 12.196, 54.511)

Have a look what the booklet for
CIELCh(100, 12.196, 54.511)
contains.

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Color

CIELCh(98, 7.319, 95.416)

Conversions

Conversions Part 1

Format	Color
Hex	FEF9EB
RGB	254, 249, 235
RGB Percent	100%, 98%, 92%
CMY	0.0035, 0.0231, 0.0779
CMYK	0.00, 0.02, 0.07, 0.00
HSL	44°, 91%, 96%
HSV	44°, 7%, 100%
XYZ	89.8351, 94.9163, 92.2749
YIQ	248.8990, 7.4740, -3.2940

Conversions

Conversions Part 2

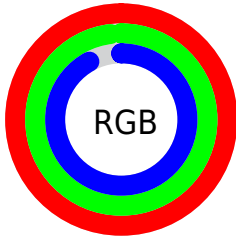
Format	Color
R _Y B	242, 254, 235
Decimal	16710123
CIE Lab	98.00, -0.69, 7.29
CIE LCh	98, 7.319, 95.416
Yxy	94.9163, 0.3243, 0.3426
Android (android.graphics.Color)	4294900203 (0xFFFEF9EB)
YUV	248.8990, -6.8522, 4.4736
Hunter-Lab	97.4250, -5.8997, 12.0416

Details

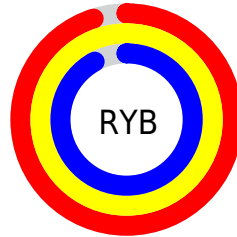
The CIELCh color **98, 7.319, 95.416** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 7.367, 277.319**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 7.607, 97.968** is the 20% darker color. If you saturate the color by 10%, you get **96, 17.250, 94.218**, and if you desaturate by 10%, it is **100, 0.310, 201.526**.

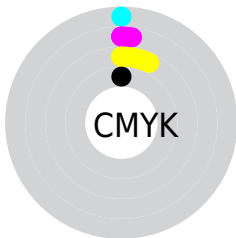
Distribution



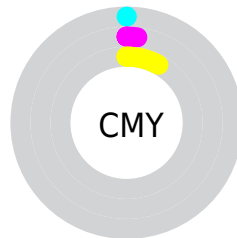
- Red (100%)
- Green (98%)
- Blue (92%)



- Red (95%)
- Yellow (100%)
- Blue (92%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (0%)



- Cyan (0%)
- Magenta (2%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 7.319, 95.416 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, 7.319, 95.416 by changing the saturation by 10% instead.

 98, 7.319, 95.416

 98, 7.319, 95.416

 100, 7.319, 95.416

 88, 7.319, 95.416

 78, 7.319, 95.416

 68, 7.319, 95.416


 58, 7.319, 95.416

 48, 7.319, 95.416

 38, 7.319, 95.416

 28, 7.319, 95.416

 18, 7.319, 95.416

 8, 7.319, 95.416

98, 7.319, 95.416

98, 7.319, 95.416

96, 17.250, 94.218

100, 0.310,
201.526

94, 27.288, 92.950

92, 37.376, 91.644

90, 47.402, 90.303

88, 57.156, 88.927

86, 66.265, 87.499

84, 74.116, 85.978

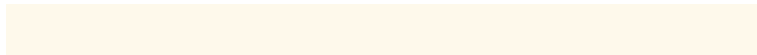
82, 79.852, 84.284

80, 82.716, 82.291

Harmonies

Complementary

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



98, 7.319, 95.416



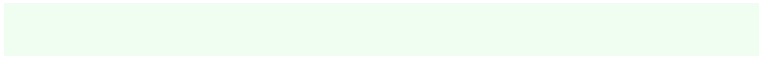
95, 7.367, 277.319

Rectangle

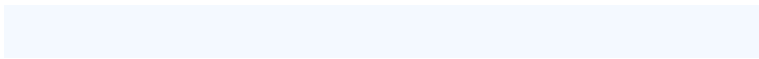
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 7.319, 95.416



98, 7.319, 145.416



98, 7.319, 275.416



98, 7.319, 325.416

Sweetspot

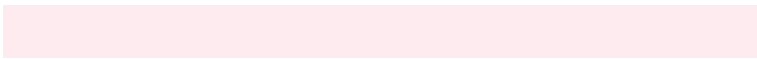
The Sweet Spot groups the original color and five complimentary colors.



98, 7.321, 95.433



100, 1.950, 96.002



95, 7.275, 358.943



53, 1.108, 96.007



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, 7.321, 95.433



98, 8.855, 95.253



99, 9.767, 118.797



52, 5.596, 95.193



62, 67.257, 82.177



20, 29.211, 84.713

Inverse Universe

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



95, 7.367, 277.319



94, 8.913, 277.518



94, 9.932, 299.769



50, 5.633, 277.585



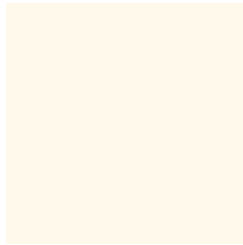
30, 87.559, 300.143



7, 35.091, 295.352

Previews

White Background



This preview shows how the CIE LCh color 98, 7.319, 95.416 looks on a white background.

Color Contrast Check

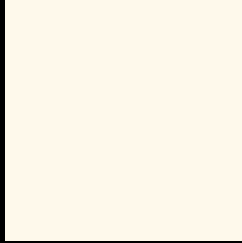
Large Text (above 18pt) WCAG AA × Fail

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, 7.319, 95.416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

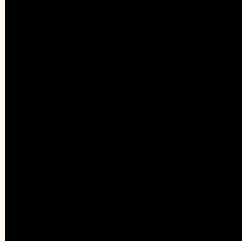
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 7.319, 95.416

Background



This preview shows how black text looks on a background with the CIELCh color 98, 7.319, 95.416.

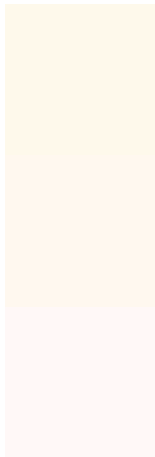


This preview shows how white text looks on a background with the CIELCh color 98, 7.319, 95.416.

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, 7.325, 95.413

Protanopia

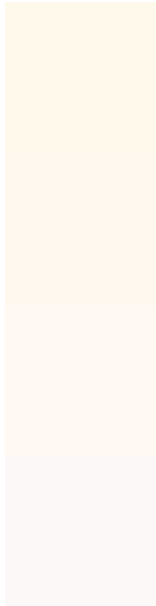
98, 5.196, 81.002

Deuteranopia

98, 2.519, 30.953

Tritanopia
98, 4.002, 316.244

Trichromacy



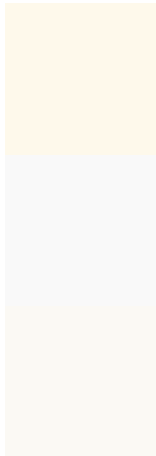
Original Color
98, 7.325, 95.413

Protanomaly
98, 5.650, 83.422

Deuteranomaly
98, 3.537, 65.249

Tritanomaly
98, 1.762, 19.152

Monochromacy



Original Color
98, 7.325, 95.413

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, 7.319, 95.416 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, 235)` looks like.

```
.text, #text, p{  
    color:rgb(254, 249, 235)  
}
```

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, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 249, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 7.319, 95.416 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, 235) }
```

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

```
.border{ border-color:rgb(254, 249, 235) }
```

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, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 249, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 249, 235);  
box-shadow:4px 4px 4px 4px rgb(254, 249,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 7.319, 95.416 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, 235) }
```

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

```
.background{ background-color: rgb(254,  
249, 235) }
```

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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