

Converting Colors

CIELCh(98, 7.888, 113.532)

Have a look what the booklet for
CIELCh(98, 7.888, 113.532) contains.

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Color

CIELCh(98, 8.164, 114.587)

Conversions

Conversions Part 1

Format	Color
Hex	F9FBEB
RGB	249, 251, 235
RGB Percent	98%, 98%, 92%
CMY	0.0245, 0.0166, 0.0794
CMYK	0.01, 0.00, 0.06, 0.02
HSL	68°, 65%, 95%
HSV	68°, 6%, 98%
XYZ	88.3570, 94.9163, 92.0740
YIQ	248.5780, 3.9440, -5.4000

Conversions

Conversions Part 2

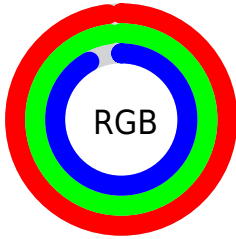
Format	Color
R_{YB}	235, 251, 237
Decimal	16382955
CIE Lab	98.00, -3.40, 7.42
CIE LCh	98, 8.164, 114.587
Yxy	94.9163, 0.3209, 0.3447
Android (android.graphics.Color)	4294573035 (0xFFFF9FBEB)
YUV	248.5780, -6.6940, 0.3701
Hunter-Lab	97.4250, -8.6078, 12.1639

Details

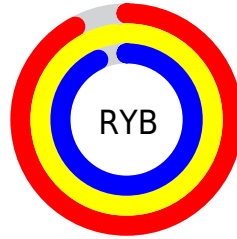
The CIELCh color **98, 8.164, 114.587** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 8.298, 295.613**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 8.561, 114.454** is the 20% darker color. If you saturate the color by 10%, you get **97, 20.929, 113.809**, and if you desaturate by 10%, it is **99, 2.213, 300.668**.

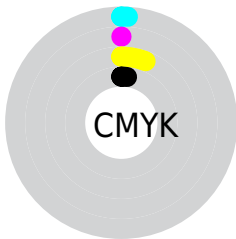
Distribution



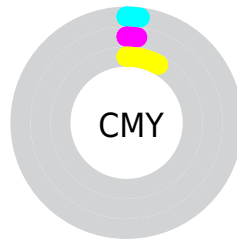
- Red (98%)
- Green (98%)
- Blue (92%)



- Red (92%)
- Yellow (98%)
- Blue (93%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)



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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 8.164, 114.587 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, 8.164, 114.587 by changing the saturation by 10% instead.

 98, 8.164, 114.587

 98, 8.164, 114.587

 100, 8.164,
114.587

 88, 8.164, 114.587

 78, 8.164, 114.587

 68, 8.164, 114.587

 58, 8.164, 114.587

 48, 8.164, 114.587

 38, 8.164, 114.587

 28, 8.164, 114.587

 18, 8.164, 114.587

 8, 8.164, 114.587

98, 8.164, 114.587

98, 8.164, 114.587

97, 20.929,
113.809

99, 2.213, 300.668

97, 33.552,
113.016

99, 2.643, 324.417

96, 45.909,
112.238


95, 57.805,
111.506

95, 68.944,
110.860

94, 78.895,
110.357

94, 87.086,
110.068

94, 92.919,
110.071

 94, 96.063,
110.415

Harmonies

Complementary

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



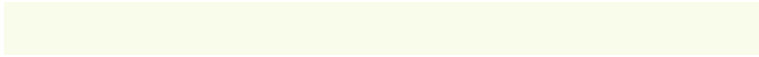
98, 8.164, 114.587



94, 8.298, 295.613

Rectangle

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



98, 8.164, 114.587



98, 8.164, 164.587



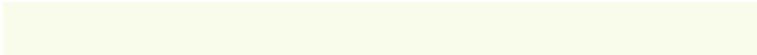
98, 8.164, 294.587



98, 8.164, 344.587

Sweetspot

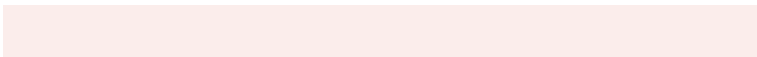
The Sweet Spot groups the original color and five complimentary colors.



98, 8.166, 114.597



100, 2.588, 114.933



95, 5.157, 30.294



53, 1.471, 114.940



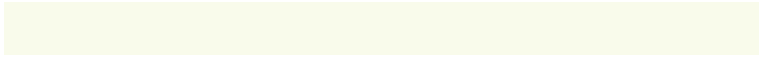
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



98, 8.166, 114.597



99, 10.378, 114.470



97, 8.902, 132.790



52, 7.253, 114.354



72, 78.125, 110.467



24, 34.609, 109.918

Inverse Universe

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



94, 8.298, 295.613



94, 10.577, 295.752



94, 8.977, 313.282



48, 7.414, 295.883



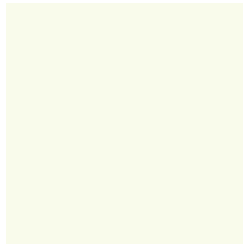
23, 105.942, 306.735



4, 42.376, 303.470

Previews

White Background



This preview shows how the CIELCh color 98, 8.164, 114.587 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, 8.164, 114.587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

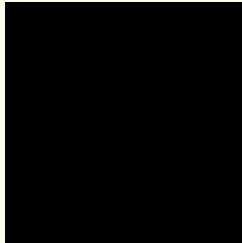
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

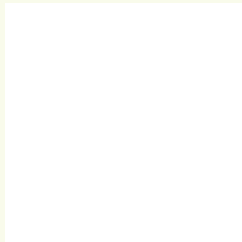
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 8.164, 114.587

Background



This preview shows how black text looks on a background with the CIELCh color 98, 8.164, 114.587.

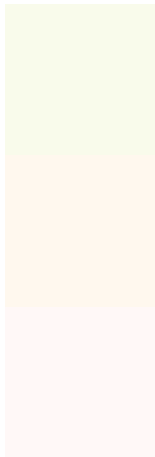


This preview shows how white text looks on a background with the CIELCh color 98, 8.164, 114.587.

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, 8.164, 114.587

Protanopia

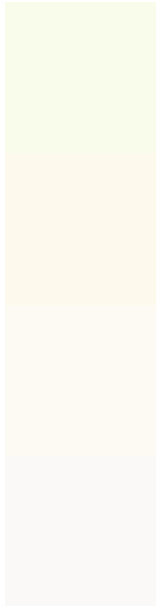
98, 5.650, 83.422

Deuteranopia

98, 2.519, 30.953

Tritanopia
98, 3.744, 306.635

Trichromacy



Original Color
98, 8.164, 114.587

Protanomaly
98, 6.252, 96.449

Deuteranomaly
98, 3.346, 84.817

Tritanomaly
98, 0.607, 74.606

Monochromacy



Original Color
98, 8.164, 114.587

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 3.071, 116.533

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 8.164, 114.587 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(249, 251, 235)` looks like.

```
.text, #text, p{  
    color:rgb(249, 251, 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(249, 251, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 251, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 8.164, 114.587 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(249, 251, 235) }
```

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

```
.border{ border-color:rgb(249, 251, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 251, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 251, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 251, 235);  
box-shadow:4px 4px 4px 4px rgb(249, 251,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 8.164, 114.587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 251, 235) }
```

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

```
.background{ background-color: rgb(249,  
251, 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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