

Converting Colors

CIELCh(98, 0.864, 164.141)

Have a look what the booklet for
CIELCh(98, 0.864, 164.141) contains.

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Color

CIELCh(98, 0.864, 164.141)

Conversions

Conversions Part 1

Format	Color
Hex	F8FAF9
RGB	248, 250, 249
RGB Percent	97%, 98%, 98%
CMY	0.0286, 0.0207, 0.0247
CMYK	0.01, 0.00, 0.00, 0.02
HSL	150°, 16%, 98%
HSV	150°, 1%, 98%
XYZ	89.7581, 94.9163, 102.9757
YIQ	249.2880, -0.8710, -0.7350

Conversions

Conversions Part 2

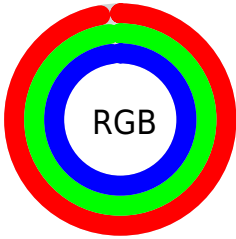
Format	Color
R_{YB}	248, 249, 250
Decimal	16317177
CIE _{Lab}	98.00, -0.83, 0.24
CIE _{LCh}	98, 0.864, 164.141
Yxy	94.9163, 0.3120, 0.3300
Android (android.graphics.Color)	4294507257 (0xFFFF8FAF9)
YUV	249.2880, -0.1420, -1.1296
Hunter-Lab	97.4250, -6.0409, 5.5295

Details

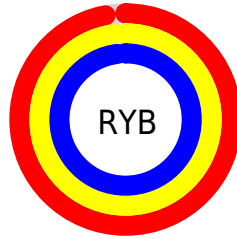
The CIELCh color 98, 0.864, 164.141 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98, 0.883, 343.121, and the grayscale version is 98, 0.011, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 78, 0.908, 164.004 is the 20% darker color. If you saturate the color by 10%, you get 96, 11.781, 162.721, and if you desaturate by 10%, it is 99, 3.290, 324.462.

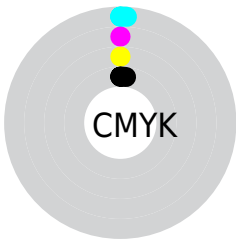
Distribution



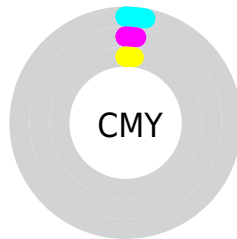
- Red (97%)
- Green (98%)
- Blue (98%)



- Red (97%)
- Yellow (98%)
- Blue (98%)



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



- Cyan (3%)
- Magenta (2%)
- Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 0.864, 164.141 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, 0.864, 164.141 by changing the saturation by 10% instead.

 98, 0.864, 164.141

 98, 0.864, 164.141

 100, 0.864,
164.141

 88, 0.864, 164.141

 78, 0.864, 164.141

 68, 0.864, 164.141


 58, 0.864, 164.141

 48, 0.864, 164.141

 38, 0.864, 164.141

 28, 0.864, 164.141

 18, 0.864, 164.141

 8, 0.864, 164.141

98, 0.864, 164.141

98, 0.864, 164.141

96, 11.781,
162.721

99, 3.290, 324.462

94, 22.648,
161.757

92, 33.323,
160.693

91, 43.633,
159.497

90, 53.390,
158.144

89, 62.408,
156.607

88, 70.526,
154.864

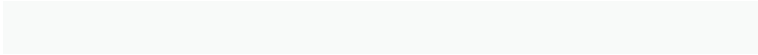
87, 77.642,
152.903

■ 87, 83.738,
150.735

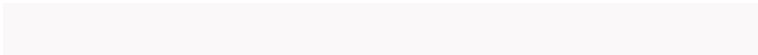
Harmonies

Complementary

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



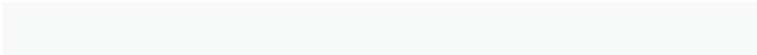
98, 0.864, 164.141



98, 0.883, 343.121

Rectangle

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



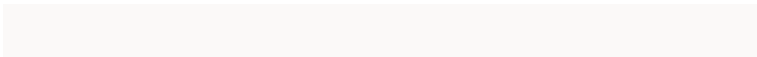
98, 0.864, 164.141



98, 0.864, 214.141



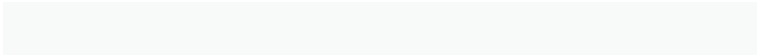
98, 0.864, 344.141



98, 0.864, 34.141

Sweetspot

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



98, 0.866, 164.084

100, 0.012, 296.813



98, 1.069, 128.573



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

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



98, 0.866, 164.084



100, 1.100, 163.958



98, 0.700, 198.898



52, 0.615, 163.986



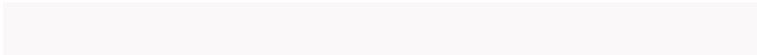
67, 71.136, 149.057



22, 30.074, 152.455

Inverse Universe

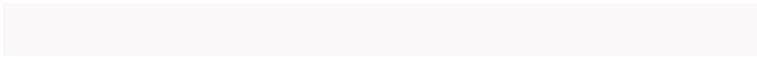
The Inverse Universe completely reimagines the original color for something new.



98, 0.883, 343.121



99, 1.117, 343.244



98, 0.706, 17.152



52, 0.625, 343.217



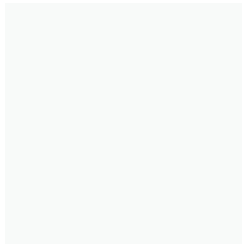
41, 67.583, 1.975



10, 31.074, 356.139

Previews

White Background



This preview shows how the CIE LCh color 98, 0.864, 164.141 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, 0.864, 164.141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

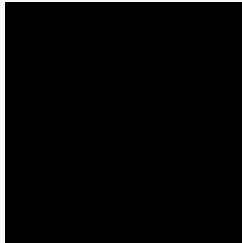
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

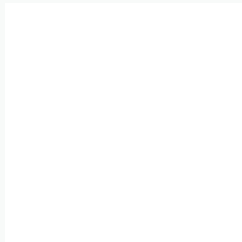
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 0.864, 164.141

Background



This preview shows how black text looks on a background with the CIELCh color 98, 0.864, 164.141.

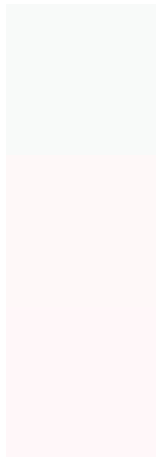


This preview shows how white text looks on a background with the CIELCh color 98, 0.864, 164.141.

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, 0.864, 164.141

Protanopia

98, 2.116, 19.237

Deuteranopia

98, 3.011, 359.612

Tritanopia
98, 3.658, 301.411

Trichromacy



Original Color

98, 0.864, 164.141

Protanomaly

98, 1.163, 44.808

Deuteranomaly

98, 1.506, 359.274

Tritanomaly

98, 2.050, 290.369

Monochromacy



Original Color

98, 0.864, 164.141

Achromatopsia

98, 0.011, 296.813

Achromatomaly

98, 0.011, 296.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 0.864, 164.141 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(248, 250, 249)` looks like.

```
.text, #text, p{  
    color:rgb(248, 250, 249)  
}
```

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(248, 250, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 250, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 0.864, 164.141 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(248, 250, 249) }
```

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

```
.border{ border-color:rgb(248, 250, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 250, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 250, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 250, 249);  
box-shadow:4px 4px 4px 4px rgb(248, 250,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 0.864, 164.141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 250, 249) }
```

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

```
.background{ background-color: rgb(248,  
250, 249) }
```

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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