

Converting Colors

CIE LCh(98, 6.152, 154.701)

Have a look what the booklet for
CIELCh(98, 6.152, 154.701) contains.

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Color

CIELCh(98, 5.892, 155.398)

Conversions

Conversions Part 1

Format	Color
Hex	F0FCF4
RGB	240, 252, 244
RGB Percent	94%, 99%, 96%
CMY	0.0577, 0.0107, 0.0421
CMYK	0.05, 0.00, 0.03, 0.01
HSL	140°, 69%, 97%
HSV	140°, 5%, 99%
XYZ	87.2965, 94.9163, 99.5265
YIQ	247.5000, -4.5840, -5.0320

Conversions

Conversions Part 2

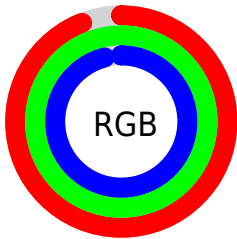
Format	Color
R _Y B	240, 249, 252
Decimal	15793396
CIE Lab	98.00, -5.36, 2.45
CIE LCh	98, 5.892, 155.398
Yxy	94.9163, 0.3098, 0.3369
Android (android.graphics.Color)	4293983476 (0xFFFF0FCF4)
YUV	247.5000, -1.7255, -6.5775
Hunter-Lab	97.4250, -10.5509, 7.6286

Details

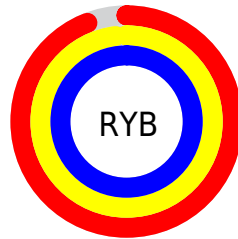
The CIELCh color **98, 5.892, 155.398** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 5.926, 335.926**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 5.547, 156.634** is the 20% darker color. If you saturate the color by 10%, you get **96, 18.373, 154.566**, and if you desaturate by 10%, it is **99, 1.696, 324.319**.

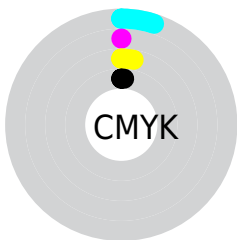
Distribution



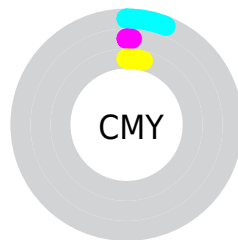
- Red (94%)
- Green (99%)
- Blue (96%)



- Red (94%)
- Yellow (98%)
- Blue (99%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (1%)



- Cyan (6%)
- Magenta (1%)
- Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 5.892, 155.398 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, 5.892, 155.398 by changing the saturation by 10% instead.

 98, 5.892, 155.398

 98, 5.892, 155.398

 100, 5.892,
155.398

 88, 5.892, 155.398

 78, 5.892, 155.398

 68, 5.892, 155.398

 58, 5.892, 155.398

 48, 5.892, 155.398

 38, 5.892, 155.398

 28, 5.892, 155.398

 18, 5.892, 155.398

 8, 5.892, 155.398

98, 5.892, 155.398

98, 5.892, 155.398

96, 18.373,
154.566

99, 1.696, 324.319

94, 30.833,
153.666

92, 43.100,
152.639

91, 54.962,
151.459

90, 66.186,
150.104

89, 76.538,
148.556

88, 85.809,
146.810

88, 93.848,
144.887

■ 87,100.585,
142.840

Harmonies

Complementary

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



98, 5.892, 155.398



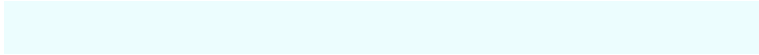
96, 5.926, 335.926

Rectangle

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



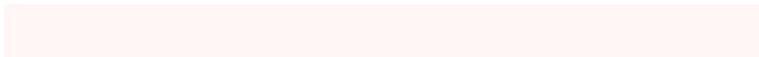
98, 5.892, 155.398



98, 5.892, 205.398



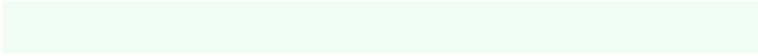
98, 5.892, 335.398



98, 5.892, 25.398

Sweetspot

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



98, 5.894, 155.393



100, 1.239, 155.929



98, 6.255, 122.173



53, 0.704, 155.951



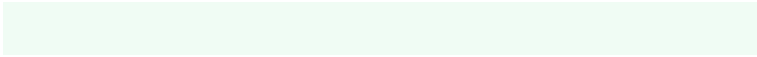
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

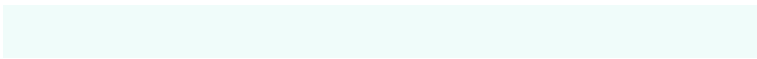
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 5.894, 155.393



99, 7.503, 155.287



98, 4.331, 184.253



52, 4.897, 155.234



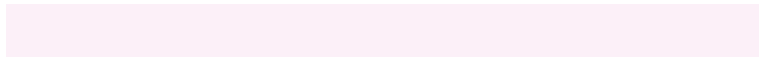
67, 82.595, 142.174



22, 34.839, 145.319

Inverse Universe

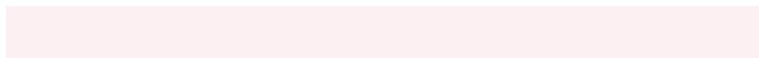
The Inverse Universe completely reimagines the original color for something new.



96, 5.926, 335.926



96, 7.543, 336.029



96, 4.422, 4.822



50, 4.924, 336.080



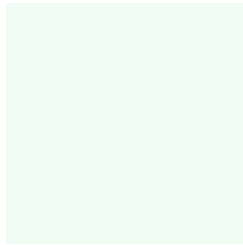
42, 72.112, 347.446



10, 33.483, 344.275

Previews

White Background



This preview shows how the CIE LCh color 98, 5.892, 155.398 looks on a white background.

Color Contrast Check

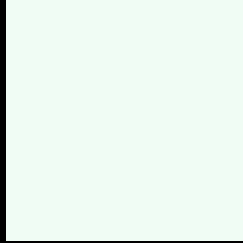
Large Text (above 18pt) WCAG AA × Fail

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, 5.892, 155.398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

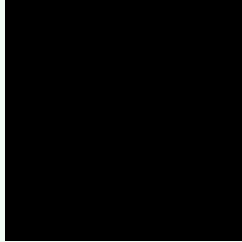
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

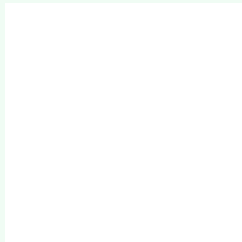
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 5.892, 155.398

Background



This preview shows how black text looks on a background with the CIELCh color 98, 5.892, 155.398.

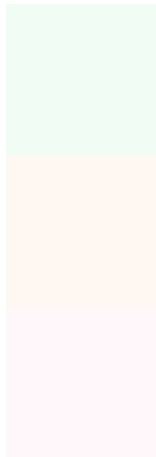


This preview shows how white text looks on a background with the CIELCh color 98, 5.892, 155.398.

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, 5.892, 155.398

Protanopia

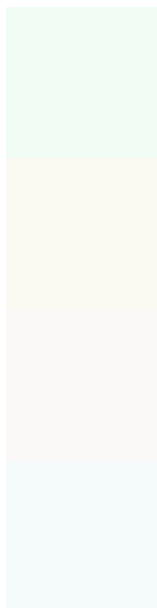
98, 3.919, 70.425

Deuteranopia

98, 3.011, 359.612

Tritanopia
98, 3.084, 283.981

Trichromacy



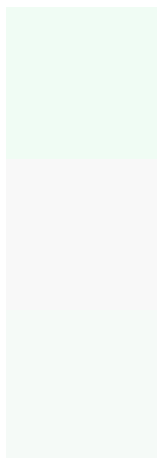
Original Color
98, 5.892, 155.398

Protanomaly
98, 3.552, 109.887

Deuteranomaly
98, 1.064, 90.709

Tritanomaly
98, 1.808, 216.065

Monochromacy



Original Color
98, 5.892, 155.398

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 2.333, 158.671

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 5.892, 155.398 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(240, 252, 244)` looks like.

```
.text, #text, p{  
    color:rgb(240, 252, 244)  
}
```

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(240, 252, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 252, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 5.892, 155.398 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(240, 252, 244) }
```

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

```
.border{ border-color:rgb(240, 252, 244) }
```

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

Here you see how a box with a 4 pixel rgb(240, 252, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 252, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 252, 244);  
box-shadow:4px 4px 4px 4px rgb(240, 252,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 5.892, 155.398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 252, 244) }
```

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

```
.background{ background-color: rgb(240,  
252, 244) }
```

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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