

Converting Colors

CIELCh(98, 6.917, 155.960)

Have a look what the booklet for
CIELCh(98, 6.917, 155.960) contains.

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Color

CIELCh(98, 6.754, 156.352)

Conversions

Conversions Part 1

Format	Color
Hex	EFFDF4
RGB	239, 253, 244
RGB Percent	94%, 99%, 96%
CMY	0.0637, 0.0088, 0.0441
CMYK	0.06, 0.00, 0.04, 0.01
HSL	141°, 76%, 96%
HSV	141°, 6%, 99%
XYZ	86.8501, 94.9163, 99.1329
YIQ	247.7880, -5.4550, -5.7670

Conversions

Conversions Part 2

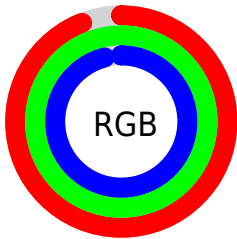
Format	Color
R _Y B	239, 249, 253
Decimal	15728116
CIE Lab	98.00, -6.19, 2.71
CIE LCh	98, 6.754, 156.352
Yxy	94.9163, 0.3092, 0.3379
Android (android.graphics.Color)	4293918196 (0xFFEFFFDF4)
YUV	247.7880, -1.8675, -7.7071
Hunter-Lab	97.4250, -11.3687, 7.8681

Details

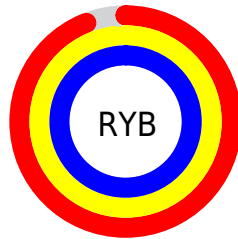
The CIELCh color **98, 6.754, 156.352** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 6.795, 337.026**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 6.453, 157.486** is the 20% darker color. If you saturate the color by 10%, you get **96, 19.033, 155.505**, and if you desaturate by 10%, it is **99, 1.402, 324.270**.

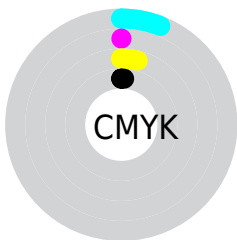
Distribution



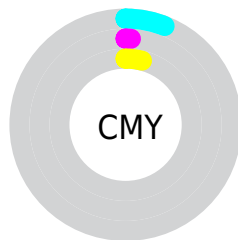
- Red (94%)
- Green (99%)
- Blue (96%)



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



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (1%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 6.754, 156.352 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, 6.754, 156.352 by changing the saturation by 10% instead.

 98, 6.754, 156.352

 98, 6.754, 156.352

 100, 6.754,
156.352

 88, 6.754, 156.352

 78, 6.754, 156.352

 68, 6.754, 156.352

 58, 6.754, 156.352

 48, 6.754, 156.352

 38, 6.754, 156.352

 28, 6.754, 156.352

 18, 6.754, 156.352

 8, 6.754, 156.352

98, 6.754, 156.352

98, 6.754, 156.352

96, 19.033,
155.505

99, 1.402, 324.270

94, 31.271,
154.582

92, 43.292,
153.531

91, 54.891,
152.326

90, 65.839,
150.943

89, 75.914,
149.364

88, 84.922,
147.583

88, 92.733,
145.617

■ 88, 99.306,
143.517

Harmonies

Complementary

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



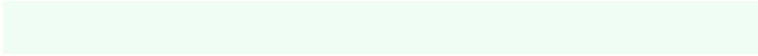
98, 6.754, 156.352



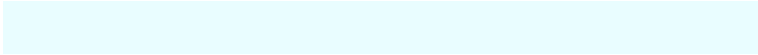
96, 6.795, 337.026

Rectangle

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



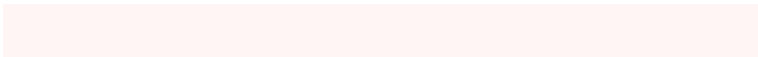
98, 6.754, 156.352



98, 6.754, 206.352



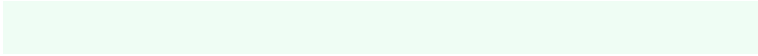
98, 6.754, 336.352



98, 6.754, 26.352

Sweetspot

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



98, 6.756, 156.348



100, 2.446, 156.721



99, 7.333, 123.386



53, 1.390, 156.737



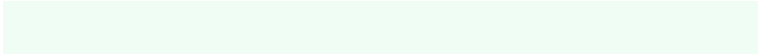
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



98, 6.756, 156.348



98, 8.607, 156.223



98, 4.981, 186.793



52, 5.595, 156.173



68, 81.921, 142.978



23, 35.239, 146.022

Inverse Universe

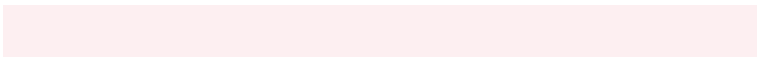
The Inverse Universe completely reimagines the original color for something new.



96, 6.795, 337.026



95, 8.658, 337.147



95, 5.112, 7.503



50, 5.629, 337.195



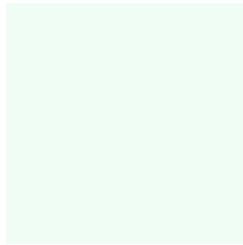
42, 71.857, 349.374



11, 33.888, 345.998

Previews

White Background



This preview shows how the CIELCh color 98, 6.754, 156.352 looks on a white background.

Color Contrast Check

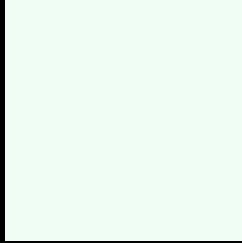
Large Text (above 18pt) WCAG AA × Fail

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, 6.754, 156.352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

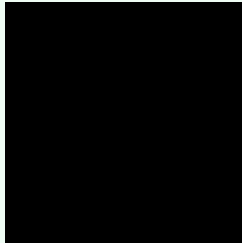
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

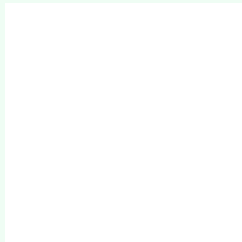
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 6.754, 156.352

Background



This preview shows how black text looks on a background with the CIELCh color 98, 6.754, 156.352.

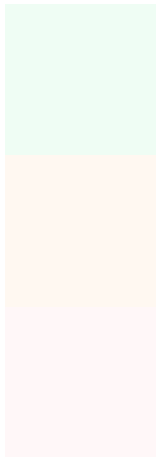


This preview shows how white text looks on a background with the CIELCh color 98, 6.754, 156.352.

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, 6.754, 156.352

Protanopia

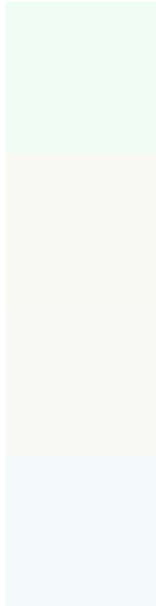
98, 4.327, 74.647

Deuteranopia

98, 2.876, 9.172

Tritanopia
98, 3.137, 277.676

Trichromacy



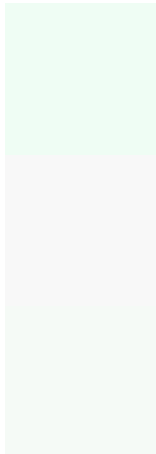
Original Color
98, 6.754, 156.352

Protanomaly
98, 4.081, 114.833

Deuteranomaly
98, 1.517, 110.012

Tritanomaly
98, 2.141, 213.375

Monochromacy



Original Color
98, 6.754, 156.352

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 2.699, 150.539

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 6.754, 156.352 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(239, 253, 244)` looks like.

```
.text, #text, p{  
    color:rgb(239, 253, 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(239, 253, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 253, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 6.754, 156.352 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(239, 253, 244) }
```

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

```
.border{ border-color:rgb(239, 253, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 253, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 253, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 253, 244);  
box-shadow:4px 4px 4px 4px rgb(239, 253,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 6.754, 156.352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 253, 244) }
```

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

```
.background{ background-color: rgb(239,  
253, 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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