

Converting Colors

CIELCh(98, 8.436, 157.434)

Have a look what the booklet for
CIELCh(98, 8.436, 157.434) contains.

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Color

CIELCh(98, 8.485, 157.632)

Conversions

Conversions Part 1

Format	Color
Hex	ECFEF3
RGB	236, 254, 243
RGB Percent	93%, 100%, 95%
CMY	0.0757, 0.0051, 0.0483
CMYK	0.07, 0.00, 0.04, 0.01
HSL	143°, 87%, 96%
HSV	143°, 7%, 99%
XYZ	85.9619, 94.9163, 98.3374
YIQ	247.3640, -7.1970, -7.2370

Conversions

Conversions Part 2

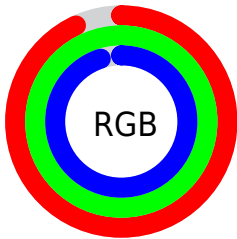
Format	Color
R _Y B	236, 249, 254
Decimal	15531763
CIE Lab	98.00, -7.85, 3.23
CIE LCh	98, 8.485, 157.632
Yxy	94.9163, 0.3079, 0.3399
Android (android.graphics.Color)	4293721843 (0xFFEFCFEF3)
YUV	247.3640, -2.1515, -9.9662
Hunter-Lab	97.4250, -12.9961, 8.3522

Details

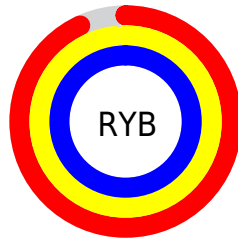
The CIELCh color **98, 8.485, 157.632** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 8.545, 338.594**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 8.271, 158.568** is the 20% darker color. If you saturate the color by 10%, you get **96, 20.508, 156.759**, and if you desaturate by 10%, it is **100, 0.822, 324.094**.

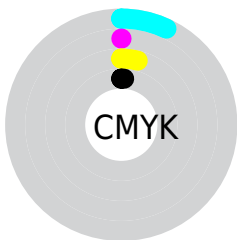
Distribution



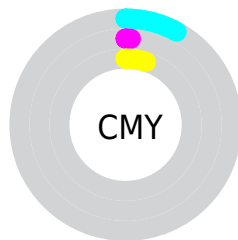
- Red (93%)
- Green (100%)
- Blue (95%)



- Red (93%)
- Yellow (98%)
- Blue (100%)



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (1%)



- Cyan (8%)
- Magenta (1%)
- Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 8.485, 157.632 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, 8.485, 157.632 by changing the saturation by 10% instead.

 98, 8.485, 157.632

 98, 8.485, 157.632

 100, 8.485,
157.632

 88, 8.485, 157.632

 78, 8.485, 157.632

 68, 8.485, 157.632

 58, 8.485, 157.632

 48, 8.485, 157.632

 38, 8.485, 157.632

 28, 8.485, 157.632

 18, 8.485, 157.632

 8, 8.485, 157.632

98, 8.485, 157.632

98, 8.485, 157.632

96, 20.508,
156.759

100, 0.822,
324.094

94, 32.450,
155.799

93, 44.137,
154.709


91, 55.362,
153.462

90, 65.908,
152.033

89, 75.564,
150.404

89, 84.162,
148.568

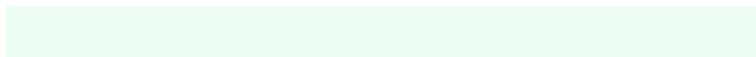
88, 91.601,
146.539

 88, 97.885,
144.372

Harmonies

Complementary

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



98, 8.485, 157.632



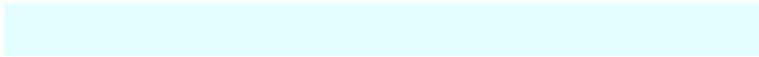
95, 8.545, 338.594

Rectangle

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



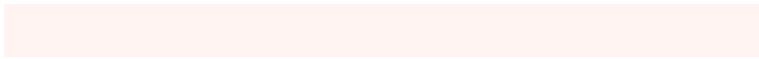
98, 8.485, 157.632



98, 8.485, 207.632



98, 8.485, 337.632



98, 8.485, 27.632

Sweetspot

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



98, 8.487, 157.628



100, 2.390, 158.151



99, 9.481, 124.546



53, 1.359, 158.168



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, 8.487, 157.628



98, 10.821, 157.465



98, 6.315, 189.330



52, 6.837, 157.422



68, 79.788, 144.158



23, 34.312, 147.269

Inverse Universe

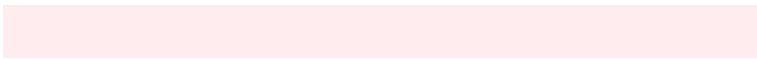
The Inverse Universe completely reimagines the original color for something new.



95, 8.545, 338.594



94, 10.904, 338.752



95, 6.543, 10.307



50, 6.891, 338.794



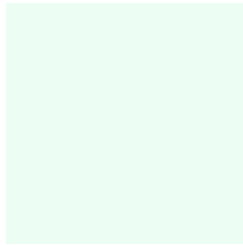
42, 70.718, 352.019



11, 33.332, 348.168

Previews

White Background



This preview shows how the CIELCh color 98, 8.485, 157.632 looks on a white background.

Color Contrast Check

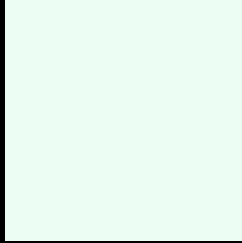
Large Text (above 18pt) WCAG AA × Fail

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, 8.485, 157.632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

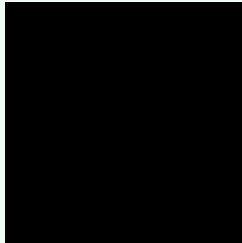
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

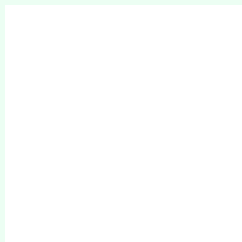
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 8.485, 157.632

Background



This preview shows how black text looks on a background with the CIELCh color 98, 8.485, 157.632.

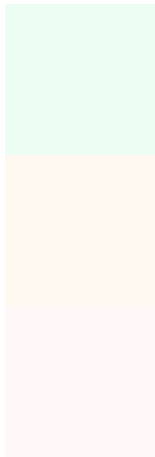


This preview shows how white text looks on a background with the CIELCh color 98, 8.485, 157.632.

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, 8.485, 157.632

Protanopia

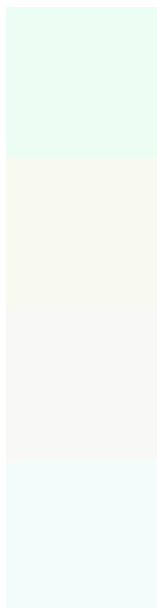
98, 4.754, 78.119

Deuteranopia

98, 2.876, 9.172

Tritanopia
98, 3.137, 277.676

Trichromacy



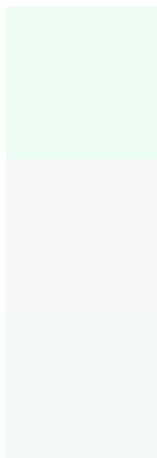
Original Color
98, 8.485, 157.632

Protanomaly
98, 4.634, 118.619

Deuteranomaly
98, 1.562, 123.029

Tritanomaly
98, 2.778, 199.463

Monochromacy



Original Color
98, 8.485, 157.632

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 2.944, 155.637

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 8.485, 157.632 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(236, 254, 243)` looks like.

```
.text, #text, p{  
    color:rgb(236, 254, 243)  
}
```

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(236, 254, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 254, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 8.485, 157.632 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(236, 254, 243) }
```

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

```
.border{ border-color:rgb(236, 254, 243) }
```

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

Here you see how a box with a 4 pixel rgb(236, 254, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 254, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 254, 243);  
box-shadow:4px 4px 4px 4px rgb(236, 254,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 8.485, 157.632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 254, 243) }
```

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

```
.background{ background-color: rgb(236,  
254, 243) }
```

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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