

Converting Colors

CIELCh(98, 8.785, 154.588)

Have a look what the booklet for
CIELCh(98, 8.785, 154.588) contains.

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Color

CIELCh(98, 8.840, 155.202)

Conversions

Conversions Part 1

Format	Color
Hex	ECFEF2
RGB	236, 254, 242
RGB Percent	93%, 100%, 95%
CMY	0.0754, 0.0049, 0.0519
CMYK	0.07, 0.00, 0.05, 0.00
HSL	140°, 88%, 96%
HSV	140°, 7%, 100%
XYZ	85.8668, 94.9163, 97.6088
YIQ	247.2500, -6.8760, -7.5480

Conversions

Conversions Part 2

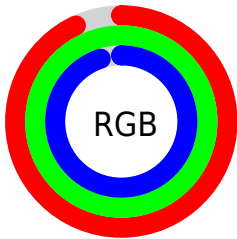
Format	Color
R _Y B	236, 250, 254
Decimal	15531762
CIE Lab	98.00, -8.02, 3.71
CIE LCh	98, 8.840, 155.202
Yxy	94.9163, 0.3084, 0.3409
Android (android.graphics.Color)	4293721842 (0xFFEFCFEF2)
YUV	247.2500, -2.5882, -9.8662
Hunter-Lab	97.4250, -13.1703, 8.7956

Details

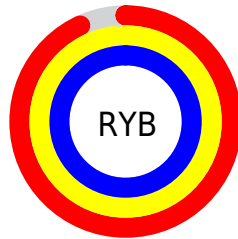
The CIELCh color **98, 8.840, 155.202** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 8.890, 336.118**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 8.639, 155.920** is the 20% darker color. If you saturate the color by 10%, you get **96, 21.389, 154.367**, and if you desaturate by 10%, it is **100, 0.778, 324.071**.

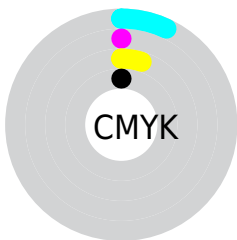
Distribution



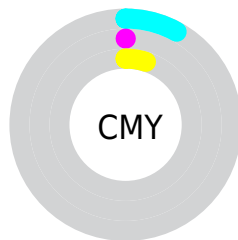
- Red (93%)
- Green (100%)
- Blue (95%)



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



- Cyan (7%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (8%)
- Magenta (0%)
- Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 8.840, 155.202 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, 8.840, 155.202 by changing the saturation by 10% instead.

 98, 8.840, 155.202

 98, 8.840, 155.202

 100, 8.840,
155.202

 88, 8.840, 155.202

 78, 8.840, 155.202

 68, 8.840, 155.202

 58, 8.840, 155.202

 48, 8.840, 155.202

 38, 8.840, 155.202

 28, 8.840, 155.202

 18, 8.840, 155.202

 8, 8.840, 155.202

98, 8.840, 155.202

98, 8.840, 155.202

96, 21.389,
154.367

100, 0.778,
324.071

94, 33.880,
153.440

93, 46.129,
152.379

91, 57.918,
151.160

90, 69.010,
149.759

89, 79.172,
148.164

88, 88.206,
146.373

88, 95.977,
144.413

■ 88, 102.441,
142.353

Harmonies

Complementary

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



98, 8.840, 155.202



95, 8.890, 336.118

Rectangle

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



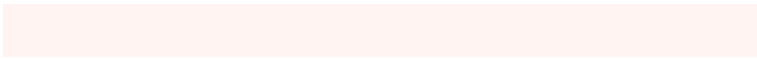
98, 8.840, 155.202



98, 8.840, 205.202



98, 8.840, 335.202



98, 8.840, 25.202

Sweetspot

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



98, 8.842, 155.199



100, 2.489, 155.691



99, 9.372, 122.039



53, 1.415, 155.707



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, 8.842, 155.199



98, 11.276, 155.044



98, 6.468, 184.000



52, 7.125, 155.003



68, 83.461, 142.156



23, 35.921, 145.140

Inverse Universe

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



95, 8.890, 336.118



94, 11.342, 336.267



95, 6.665, 5.091



50, 7.168, 336.306



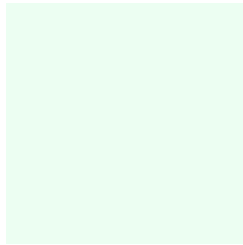
42, 72.821, 347.474



11, 34.338, 344.438

Previews

White Background



This preview shows how the CIE LCh color 98, 8.840, 155.202 looks on a white background.

Color Contrast Check

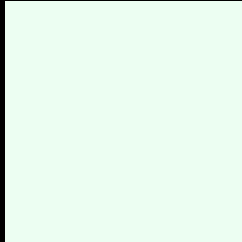
Large Text (above 18pt) WCAG AA × Fail

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, 8.840, 155.202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

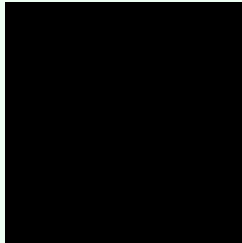
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

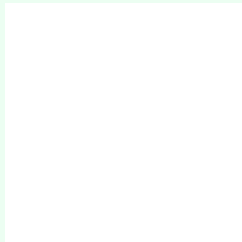
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 8.840, 155.202

Background



This preview shows how black text looks on a background with the CIELCh color 98, 8.840, 155.202.

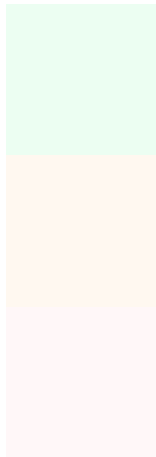


This preview shows how white text looks on a background with the CIELCh color 98, 8.840, 155.202.

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



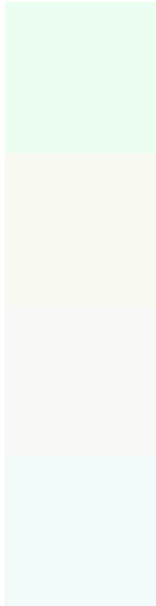
Original Color
98, 8.840, 155.202

Protanopia
98, 4.754, 78.119

Deuteranopia
98, 2.876, 9.172

Tritanopia
98, 3.137, 277.676

Trichromacy



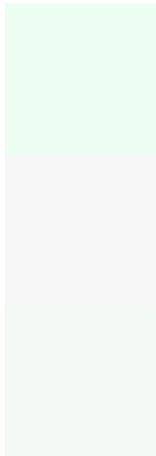
Original Color
98, 8.840, 155.202

Protanomaly
98, 4.634, 118.619

Deuteranomaly
98, 1.562, 123.029

Tritanomaly
98, 2.835, 189.091

Monochromacy



Original Color
98, 8.840, 155.202

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, 8.840, 155.202 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(236, 254, 242)  
}
```

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, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 254, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 8.840, 155.202 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, 242) }
```

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

```
.border{ border-color:rgb(236, 254, 242) }
```

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, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 254, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 254, 242);  
box-shadow:4px 4px 4px 4px rgb(236, 254,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 8.840, 155.202 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, 242) }
```

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

```
.background{ background-color: rgb(236,  
254, 242) }
```

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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