

Converting Colors

CIELCh(98, 12.090, 150.325)

Have a look what the booklet for
CIELCh(98, 12.090, 150.325)
contains.

CIELCh(98, 12.075, 149.375)	3
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Color

CIELCh(98, 12.075, 149.375)

Conversions

Conversions Part 1

Format	Color
Hex	E9FFED
RGB	233, 255, 237
RGB Percent	91%, 100%, 93%
CMY	0.0865, 0.0002, 0.0708
CMYK	0.09, 0.00, 0.07, 0.00
HSL	131°, 100%, 96%
HSV	131°, 9%, 100%
XYZ	84.6121, 94.9163, 93.9452
YIQ	246.3700, -7.3340, -10.2620

Conversions

Conversions Part 2

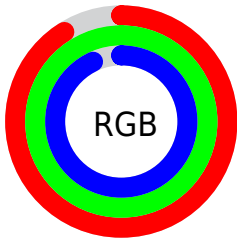
Format	Color
R _{YB}	233, 252, 255
Decimal	15335405
CIE _{Lab}	98.00, -10.39, 6.15
CIE _{LCh}	98, 12.075, 149.375
Y _{xy}	94.9163, 0.3094, 0.3471
Android (android.graphics.Color)	4293525485 (0xFFE9FFED)
YUV	246.3700, -4.6194, -11.7255
Hunter-Lab	97.4250, -15.4691, 11.0252

Details

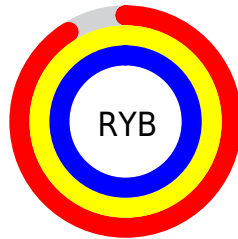
The CIELCh color **98, 12.075, 149.375** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 12.113, 330.404**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 12.027, 149.535** is the 20% darker color. If you saturate the color by 10%, you get **96, 26.193, 148.615**, and if you desaturate by 10%, it is **100, 0.037, 316.074**.

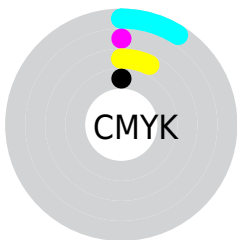
Distribution



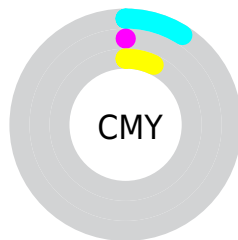
- Red (91%)
- Green (100%)
- Blue (93%)



- Red (91%)
- Yellow (99%)
- Blue (100%)



- Cyan (9%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (9%)
- Magenta (0%)
- Yellow (7%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 12.075, 149.375 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, 12.075, 149.375 by changing the saturation by 10% instead.


 98, 12.075,
149.375


 98, 12.075,
149.375


 100, 12.075,
149.375


 88, 12.075,
149.375


 78, 12.075,
149.375

 68, 12.075,
149.375

 58, 12.075,
149.375

 48, 12.075,
149.375

 38, 12.075,
149.375

 28, 12.075,

149.375

■ 18, 12.075,
149.375

■ 8, 12.075, 149.375

■ 98, 12.075,
149.375

■ 98, 12.075,
149.375

■ 96, 26.193,
148.615

100, 0.037,
316.074

■ 94, 40.256,
147.744

■ 92, 54.039,
146.735

■ 91, 67.263,
145.570

■ 90, 79.613,
144.243

■ 89, 90.753,
142.766

■ 88, 100.351,
141.179

■ 88, 108.107,
139.564

■ 88, 113.821,
138.063

Harmonies

Complementary

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



98, 12.075, 149.375



95, 12.113, 330.404

Rectangle

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



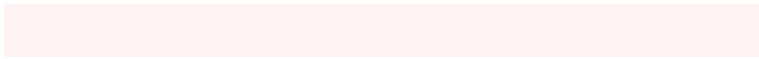
98, 12.075, 149.375



98, 12.075, 199.375



98, 12.075, 329.375



98, 12.075, 19.375

Sweetspot

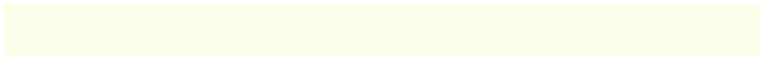
The Sweet Spot groups the original color and five complimentary colors.



98, 12.077, 149.374



99, 4.176, 149.803



99, 11.232, 116.081



53, 3.169, 149.733



0, 0.000, 0.000



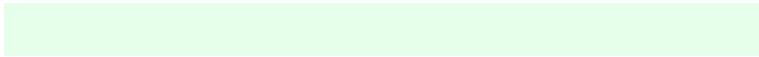
53, 0.007, 296.813

Same Dimension

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



98, 12.077, 149.374



98, 14.009, 149.275



98, 8.540, 172.959



52, 7.962, 149.311



68, 91.621, 138.156



23, 39.875, 140.513

Inverse Universe

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



95, 12.113, 330.404



94, 14.049, 330.494



94, 8.735, 354.446



50, 7.985, 330.461



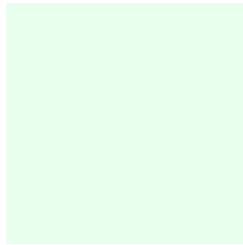
44, 80.774, 337.095



11, 37.783, 335.837

Previews

White Background



This preview shows how the CIE LCh color 98, 12.075, 149.375 looks on a white background.

Color Contrast Check

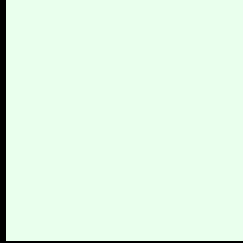
Large Text (above 18pt) WCAG AA × Fail

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, 12.075, 149.375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

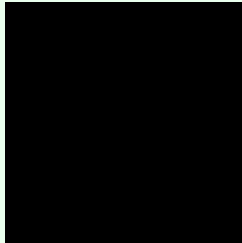
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

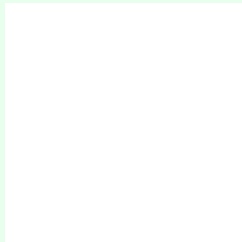
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 12.075, 149.375

Background



This preview shows how black text looks on a background with the CIELCh color 98, 12.075, 149.375.

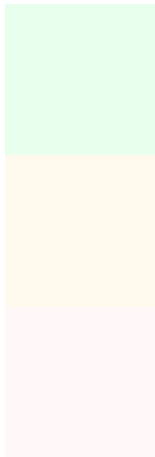


This preview shows how white text looks on a background with the CIELCh color 98, 12.075, 149.375.

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



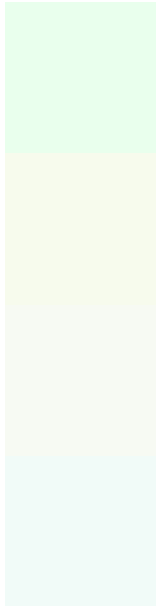
Original Color
98, 12.075, 149.375

Protanopia
98, 6.113, 85.472

Deuteranopia
98, 2.827, 19.362

Tritanopia
98, 3.225, 271.658

Trichromacy



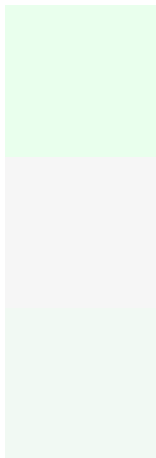
Original Color
98, 12.075, 149.375

Protanomaly
98, 7.268, 120.945

Deuteranomaly
98, 3.721, 126.434

Tritanomaly
98, 3.823, 175.743

Monochromacy



Original Color
98, 12.075, 149.375

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 4.177, 152.221

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 12.075, 149.375 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(233, 255, 237)` looks like.

```
.text, #text, p{  
    color:rgb(233, 255, 237)  
}
```

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(233, 255, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 255, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 12.075, 149.375 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(233, 255, 237) }
```

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

```
.border{ border-color:rgb(233, 255, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 255, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 255, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 255, 237);  
box-shadow:4px 4px 4px 4px rgb(233, 255,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 12.075, 149.375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 255, 237) }
```

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

```
.background{ background-color: rgb(233,  
255, 237) }
```

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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