

Converting Colors

CIELCh(100, 14.675, 144.674)

Have a look what the booklet for
CIELCh(100, 14.675, 144.674)
contains.

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Color

CIElCh(98, 10.789, 145.576)

Conversions

Conversions Part 1

Format	Color
Hex	ECFEED
RGB	236, 254, 237
RGB Percent	93%, 100%, 93%
CMY	0.0741, 0.0035, 0.0702
CMYK	0.07, 0.00, 0.07, 0.00
HSL	123°, 91%, 96%
HSV	123°, 7%, 100%
XYZ	85.4015, 94.9163, 94.0222
YIQ	246.6800, -5.2710, -9.1030

Conversions

Conversions Part 2

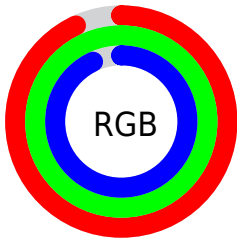
Format	Color
R _Y B	236, 253, 254
Decimal	15531757
CIE Lab	98.00, -8.90, 6.10
CIE LCh	98, 10.789, 145.576
Yxy	94.9163, 0.3113, 0.3460
Android (android.graphics.Color)	4293721837 (0xFFE0E0)
YUV	246.6800, -4.7722, -9.3664
Hunter-Lab	97.4250, -14.0228, 10.9783

Details

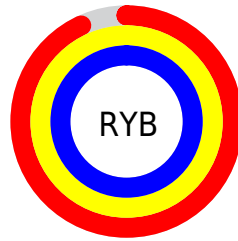
The CIELCh color **98, 10.789, 145.576** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 10.814, 326.338**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 10.684, 145.572** is the 20% darker color. If you saturate the color by 10%, you get **96, 26.182, 144.874**, and if you desaturate by 10%, it is **100, 0.567, 323.916**.

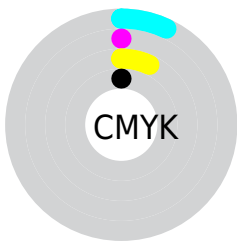
Distribution



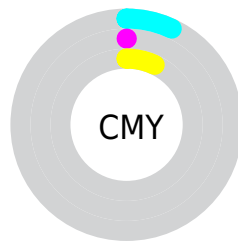
- Red (93%)
- Green (100%)
- Blue (93%)



- Red (93%)
- Yellow (99%)
- Blue (100%)



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 10.789, 145.576 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, 10.789, 145.576 by changing the saturation by 10% instead.


 98, 10.789,
145.576


 98, 10.789,
145.576


 100, 10.789,
145.576


 88, 10.789,
145.576

 78, 10.789,
145.576

 68, 10.789,
145.576

 58, 10.789,
145.576

 48, 10.789,
145.576

 38, 10.789,
145.576

 28, 10.789,

145.576

■ 18, 10.789,
145.576

■ 8, 10.789, 145.576

■ 98, 10.789,
145.576

■ 98, 10.789,
145.576

■ 96, 26.182,
144.874

100, 0.567,
323.916

■ 94, 41.551,
144.067

■ 92, 56.634,
143.130

■ 91, 71.090,
142.060

■ 90, 84.506,
140.870

■ 89, 96.397,
139.607

■ 88, 106.226,
138.362

■ 88, 113.471,
137.266

■ 88, 117.794,
136.465

Harmonies

Complementary

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



98, 10.789, 145.576



95, 10.814, 326.338

Rectangle

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



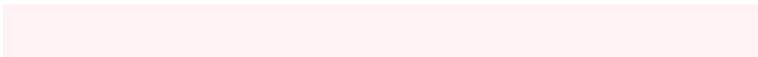
98, 10.789, 145.576



98, 10.789, 195.576



98, 10.789, 325.576



98, 10.789, 15.576

Sweetspot

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



98, 10.791, 145.576



100, 3.037, 145.960



99, 9.124, 111.511



53, 1.726, 145.971



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, 10.791, 145.576



98, 12.236, 145.514



98, 7.550, 165.889



52, 8.706, 145.413



68, 95.470, 136.446



22, 42.604, 137.835

Inverse Universe

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



95, 10.814, 326.338



95, 12.260, 326.394



95, 7.646, 346.988



50, 8.720, 326.484



45, 89.103, 330.580



12, 41.208, 330.282

Previews

White Background



This preview shows how the CIE LCh color 98, 10.789, 145.576 looks on a white background.

Color Contrast Check

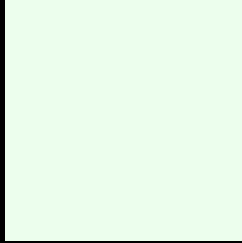
Large Text (above 18pt) WCAG AA × Fail

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, 10.789, 145.576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

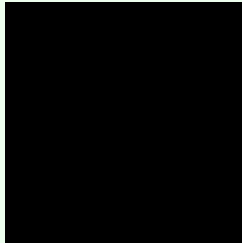
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

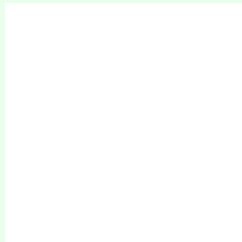
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 10.789, 145.576

Background



This preview shows how black text looks on a background with the CIELCh color 98, 10.789, 145.576.

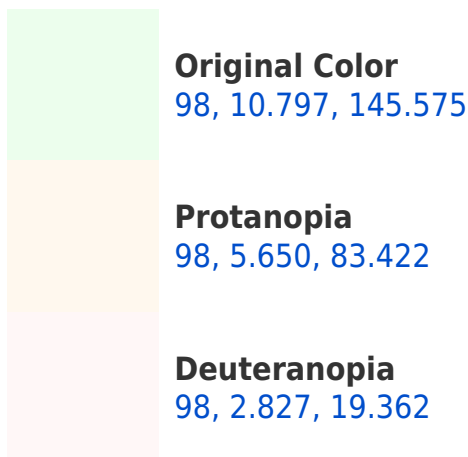


This preview shows how white text looks on a background with the CIELCh color 98, 10.789, 145.576.

Color Blindness Simulation

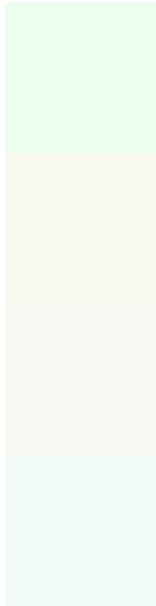
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Tritanopia
98, 3.137, 277.676

Trichromacy



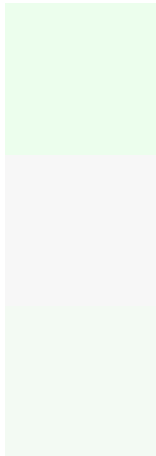
Original Color
98, 10.797, 145.575

Protanomaly
98, 6.147, 116.360

Deuteranomaly
98, 3.631, 121.115

Tritanomaly
98, 3.198, 170.860

Monochromacy



Original Color
98, 10.797, 145.575

Achromatopsia
97, 0.011, 296.813

Achromatomaly
98, 4.354, 144.354

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 10.789, 145.576 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, 237)` looks like.

```
.text, #text, p{  
    color:rgb(236, 254, 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(236, 254, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 254, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 10.789, 145.576 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, 237) }
```

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

```
.border{ border-color:rgb(236, 254, 237) }
```

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, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 254, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 254, 237);  
box-shadow:4px 4px 4px 4px rgb(236, 254,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 10.789, 145.576 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, 237) }
```

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

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