

Converting Colors

CIELCh(98, 7.012, 168.354)

Have a look what the booklet for
CIELCh(98, 7.012, 168.354) contains.

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Color

CIELCh(98, 6.955, 168.175)

Conversions

Conversions Part 1

Format	Color
Hex	ECDFD6
RGB	236, 253, 246
RGB Percent	93%, 99%, 96%
CMY	0.0737, 0.0070, 0.0345
CMYK	0.07, 0.00, 0.03, 0.01
HSL	155°, 83%, 96%
HSV	155°, 7%, 99%
XYZ	86.5173, 94.9163, 101.1157
YIQ	247.1190, -7.8850, -5.7810

Conversions

Conversions Part 2

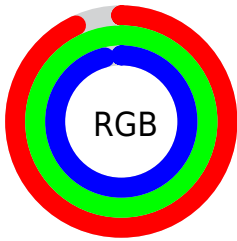
Format	Color
R _Y B	236, 247, 253
Decimal	15531510
CIE Lab	98.00, -6.81, 1.43
CIE LCh	98, 6.955, 168.175
Yxy	94.9163, 0.3062, 0.3359
Android (android.graphics.Color)	4293721590 (0xFFECCDF6)
YUV	247.1190, -0.5517, -9.7514
Hunter-Lab	97.4250, -11.9785, 6.6614

Details

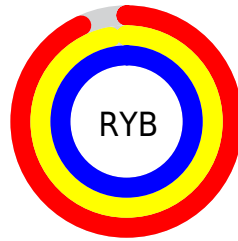
The CIELCh color **98, 6.955, 168.175** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 7.055, 349.216**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 6.701, 170.313** is the 20% darker color. If you saturate the color by 10%, you get **96, 17.266, 167.169**, and if you desaturate by 10%, it is **100, 1.118, 324.204**.

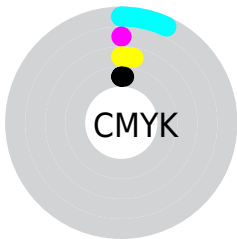
Distribution



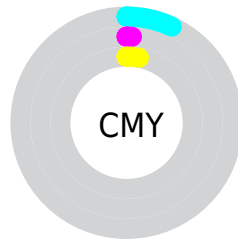
- Red (93%)
- Green (99%)
- Blue (96%)



- Red (93%)
- Yellow (97%)
- Blue (99%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (1%)



- Cyan (7%)
- Magenta (1%)
- Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 6.955, 168.175 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, 6.955, 168.175 by changing the saturation by 10% instead.

 98, 6.955, 168.175

 98, 6.955, 168.175

 100, 6.955,
168.175

 88, 6.955, 168.175

 78, 6.955, 168.175

 68, 6.955, 168.175

 58, 6.955, 168.175

 48, 6.955, 168.175

 38, 6.955, 168.175

 28, 6.955, 168.175

 18, 6.955, 168.175

 8, 6.955, 168.175

98, 6.955, 168.175

98, 6.955, 168.175

96, 17.266,
167.169

100, 1.118,
324.204

94, 27.381,
166.110

93, 37.144,
164.943


92, 46.379,
163.640

91, 54.910,
162.175

90, 62.580,
160.522

89, 69.280,
158.660

89, 74.977,
156.580

 88, 79.744,
154.303

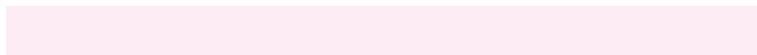
Harmonies

Complementary

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



98, 6.955, 168.175



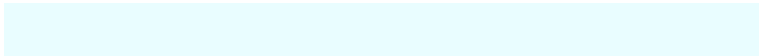
95, 7.055, 349.216

Rectangle

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



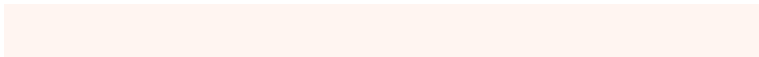
98, 6.955, 168.175



98, 6.955, 218.175



98, 6.955, 348.175



98, 6.955, 38.175

Sweetspot

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



98, 6.957, 168.167



100, 2.079, 168.765



98, 9.365, 131.661



53, 1.182, 168.787



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

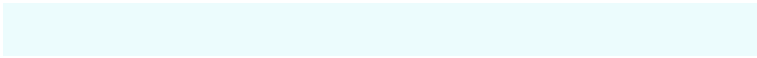
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 6.957, 168.167



98, 8.334, 168.037



98, 5.397, 206.904



52, 5.921, 167.887



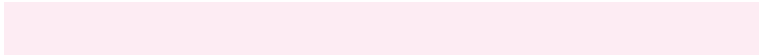
68, 65.218, 153.976



23, 28.300, 157.187

Inverse Universe

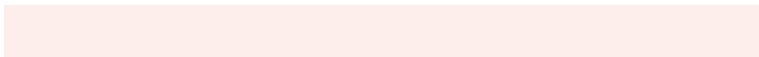
The Inverse Universe completely reimagines the original color for something new.



95, 7.055, 349.216



95, 8.467, 349.349



95, 5.636, 27.049



50, 6.032, 349.502



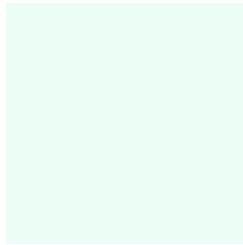
41, 68.196, 10.651



10, 31.328, 3.780

Previews

White Background



This preview shows how the CIELCh color 98, 6.955, 168.175 looks on a white background.

Color Contrast Check

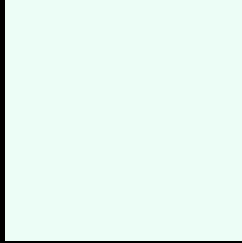
Large Text (above 18pt) WCAG AA × Fail

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, 6.955, 168.175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

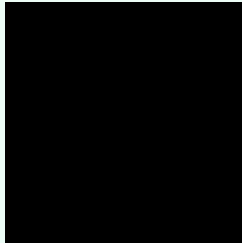
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

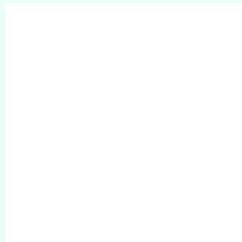
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 6.955, 168.175

Background



This preview shows how black text looks on a background with the CIELCh color 98, 6.955, 168.175.

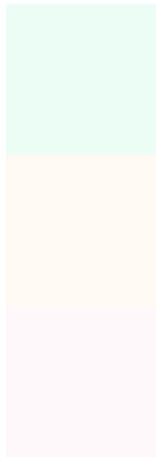


This preview shows how white text looks on a background with the CIELCh color 98, 6.955, 168.175.

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, 6.955, 168.175

Protanopia

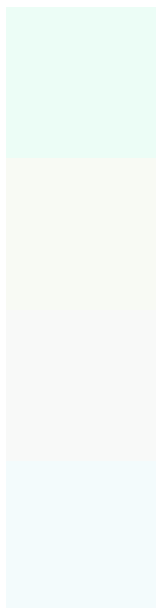
98, 3.537, 65.249

Deuteranopia

98, 3.011, 359.612

Tritanopia
98, 3.137, 277.676

Trichromacy



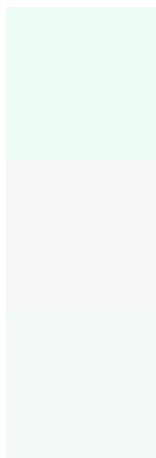
Original Color
98, 6.955, 168.175

Protanomaly
98, 3.133, 122.942

Deuteranomaly
98, 0.612, 144.916

Tritanomaly
98, 2.814, 209.915

Monochromacy



Original Color
98, 6.955, 168.175

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 2.341, 173.708

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 6.955, 168.175 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, 253, 246)` looks like.

```
.text, #text, p{  
    color:rgb(236, 253, 246)  
}
```

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, 253, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 253, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 6.955, 168.175 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, 253, 246) }
```

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

```
.border{ border-color:rgb(236, 253, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 253, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 253, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 253, 246);  
box-shadow:4px 4px 4px 4px rgb(236, 253,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 6.955, 168.175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 253, 246) }
```

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

```
.background{ background-color: rgb(236,  
253, 246) }
```

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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