

Converting Colors

CIELCh(98, 7.730, 152.625)

Have a look what the booklet for
CIELCh(98, 7.730, 152.625) contains.

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Color

CIELCh(98, 7.736, 152.623)

Conversions

Conversions Part 1

Format	Color
Hex	EEFDF2
RGB	238, 253, 242
RGB Percent	93%, 99%, 95%
CMY	0.0663, 0.0075, 0.0506
CMYK	0.06, 0.00, 0.04, 0.01
HSL	136°, 80%, 96%
HSV	136°, 6%, 99%
XYZ	86.4840, 94.9163, 97.8372
YIQ	247.2610, -5.4090, -6.6010

Conversions

Conversions Part 2

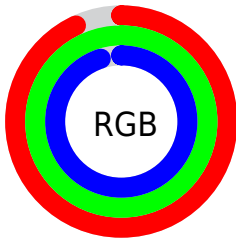
Format	Color
R _Y B	238, 250, 253
Decimal	15662578
CIE Lab	98.00, -6.87, 3.56
CIE LCh	98, 7.736, 152.623
Yxy	94.9163, 0.3097, 0.3399
Android (android.graphics.Color)	4293852658 (0xFFEEFDF2)
YUV	247.2610, -2.5937, -8.1219
Hunter-Lab	97.4250, -12.0395, 8.6566

Details

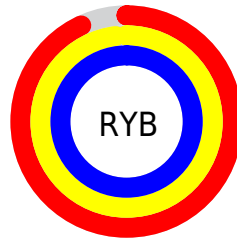
The CIELCh color **98, 7.736, 152.623** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 7.771, 333.312**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 7.477, 153.274** is the 20% darker color. If you saturate the color by 10%, you get **96, 20.901, 151.835**, and if you desaturate by 10%, it is **100, 1.191, 324.224**.

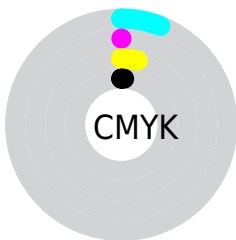
Distribution



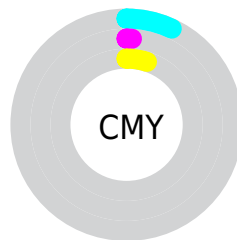
- Red (93%)
- Green (99%)
- Blue (95%)



- Red (93%)
- Yellow (98%)
- Blue (99%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (1%)



- Cyan (7%)
- Magenta (1%)
- Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 7.736, 152.623 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, 7.736, 152.623 by changing the saturation by 10% instead.

 98, 7.736, 152.623

 98, 7.736, 152.623

 100, 7.736,
152.623

 88, 7.736, 152.623

 78, 7.736, 152.623

 68, 7.736, 152.623

 58, 7.736, 152.623

 48, 7.736, 152.623

 38, 7.736, 152.623

 28, 7.736, 152.623

 18, 7.736, 152.623

 8, 7.736, 152.623

98, 7.736, 152.623

98, 7.736, 152.623

96, 20.901,
151.835

100, 1.191,
324.224

94, 34.048,
150.958

92, 46.986,
149.949

91, 59.482,
148.784

90, 71.276,
147.445

89, 82.098,
145.923

88, 91.700,
144.228

88, 99.878,
142.399

■ 87,106.503,
140.518

Harmonies

Complementary

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



98, 7.736, 152.623



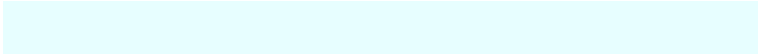
96, 7.771, 333.312

Rectangle

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



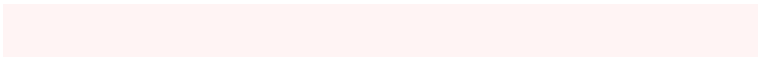
98, 7.736, 152.623



98, 7.736, 202.623



98, 7.736, 332.623



98, 7.736, 22.623

Sweetspot

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



98, 7.738, 152.621



100, 2.613, 152.989



99, 7.740, 119.546



53, 1.485, 153.004



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, 7.738, 152.621



98, 9.200, 152.537



98, 5.571, 179.081



52, 5.981, 152.490



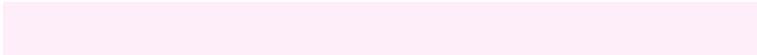
68, 87.447, 140.132



23, 37.757, 142.896

Inverse Universe

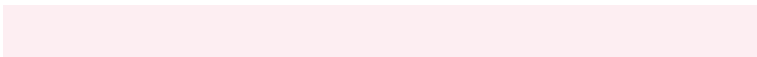
The Inverse Universe completely reimagines the original color for something new.



96, 7.771, 333.312



96, 9.238, 333.392



95, 5.690, 359.972



50, 6.005, 333.436



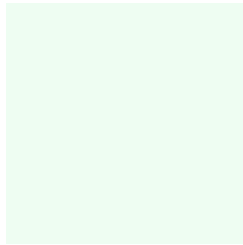
43, 75.973, 342.537



11, 35.743, 340.372

Previews

White Background



This preview shows how the CIELCh color 98, 7.736, 152.623 looks on a white background.

Color Contrast Check

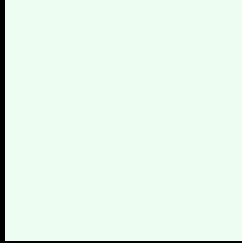
Large Text (above 18pt) WCAG AA × Fail

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, 7.736, 152.623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

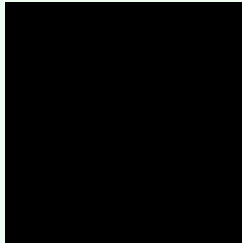
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

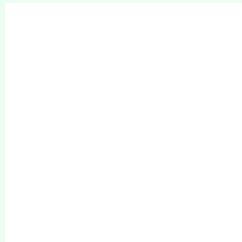
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 7.736, 152.623

Background



This preview shows how black text looks on a background with the CIELCh color 98, 7.736, 152.623.

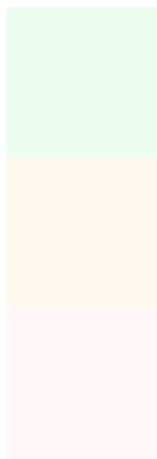


This preview shows how white text looks on a background with the CIELCh color 98, 7.736, 152.623.

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, 7.736, 152.623

Protanopia

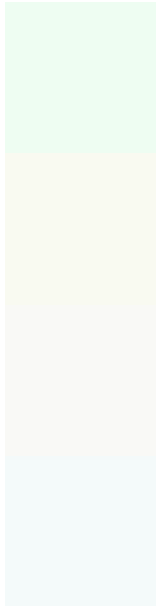
98, 4.754, 78.119

Deuteranopia

98, 2.876, 9.172

Tritanopia
98, 3.137, 277.676

Trichromacy



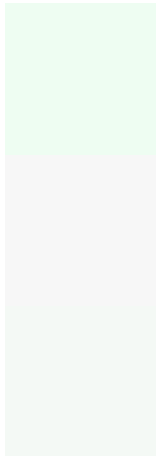
Original Color
98, 7.736, 152.623

Protanomaly
98, 4.588, 114.251

Deuteranomaly
98, 1.517, 110.012

Tritanomaly
98, 2.089, 199.583

Monochromacy



Original Color
98, 7.736, 152.623

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 2.701, 150.538

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 7.736, 152.623 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(238, 253, 242)` looks like.

```
.text, #text, p{  
    color:rgb(238, 253, 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(238, 253, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 253, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 7.736, 152.623 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(238, 253, 242) }
```

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

```
.border{ border-color:rgb(238, 253, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 253, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 253, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 253, 242);  
box-shadow:4px 4px 4px 4px rgb(238, 253,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 7.736, 152.623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 253, 242) }
```

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

```
.background{ background-color: rgb(238,  
253, 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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