

Converting Colors

CIELCh(97, 3.585, 191.288)

Have a look what the booklet for
CIELCh(97, 3.585, 191.288) contains.

CIELCh(97, 3.863, 191.717)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(97, 3.863, 191.717)

Conversions

Conversions Part 1

Format	Color
Hex	EEF9F8
RGB	238, 249, 248
RGB Percent	93%, 98%, 97%
CMY	0.0679, 0.0247, 0.0287
CMYK	0.04, 0.00, 0.00, 0.02
HSL	175°, 47%, 95%
HSV	175°, 4%, 98%
XYZ	85.8306, 92.4403, 101.8725
YIQ	245.5970, -6.2350, -2.6430

Conversions

Conversions Part 2

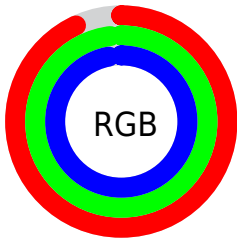
Format	Color
R _{YB}	238, 244, 249
Decimal	15661560
CIE Lab	97.00, -3.78, -0.78
CIE LCh	97, 3.863, 191.717
Yxy	92.4403, 0.3064, 0.3300
Android (android.graphics.Color)	4293851640 (0xFFEEF9F8)
YUV	245.5970, 1.1847, -6.6626
Hunter-Lab	96.1459, -8.9061, 4.4807

Details

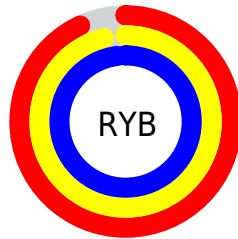
The CIELCh color **97, 3.863, 191.717** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 3.959, 12.056**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 4.045, 191.592** is the 20% darker color. If you saturate the color by 10%, you get **95, 12.356, 190.815**, and if you desaturate by 10%, it is **98, 2.320, 3.162**.

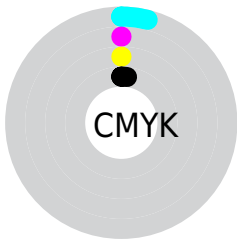
Distribution



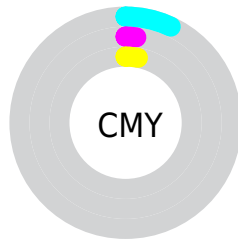
- Red (93%)
- Green (98%)
- Blue (97%)



- Red (93%)
- Yellow (96%)
- Blue (98%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



- Cyan (7%)
- Magenta (2%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 3.863, 191.717 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 97, 3.863, 191.717 by changing the saturation by 10% instead.

97, 3.863, 191.717

97, 3.863, 191.717

100, 3.863,
191.717

87, 3.863, 191.717

77, 3.863, 191.717

67, 3.863, 191.717

57, 3.863, 191.717

47, 3.863, 191.717

37, 3.863, 191.717

27, 3.863, 191.717

17, 3.863, 191.717

7, 3.863, 191.717

97, 3.863, 191.717

97, 3.863, 191.717

95, 12.356,
190.815

98, 2.320, 3.162

94, 20.386,
190.025

98, 2.875, 340.566

92, 27.808,
189.238

98, 3.717, 326.722

91, 34.475,
188.439

98, 3.926, 324.500

90, 40.246,
187.618

90, 45.012,
186.761

89, 48.707,
185.852

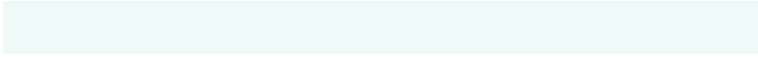
89, 51.332,
184.873

■ 89, 52.973,
183.808

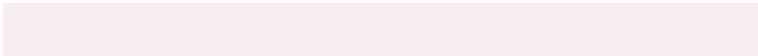
Harmonies

Complementary

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



97, 3.863, 191.717



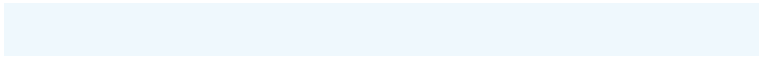
95, 3.959, 12.056

Rectangle

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



97, 3.863, 191.717



97, 3.863, 241.717



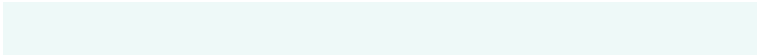
97, 3.863, 11.717



97, 3.863, 61.717

Sweetspot

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



97, 3.865, 191.690



100, 0.895, 192.507



97, 6.646, 141.534



53, 0.509, 192.549



0, 0.000, 0.000



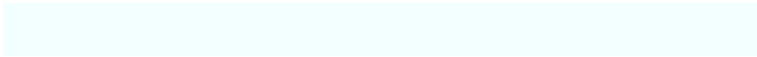
53, 0.007, 296.813

Same Dimension

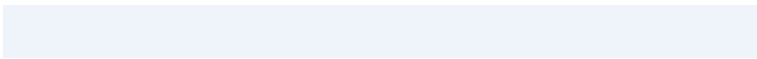
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 3.865, 191.690



99, 4.454, 191.627



96, 3.191, 244.530



52, 2.985, 191.556



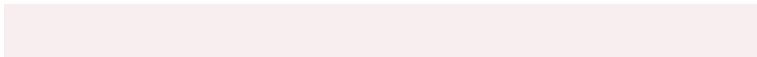
69, 43.477, 183.386



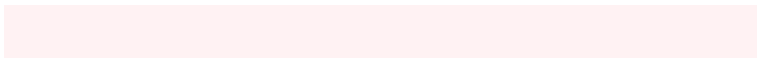
22, 19.428, 184.903

Inverse Universe

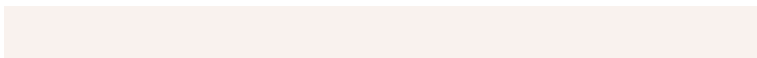
The Inverse Universe completely reimagines the original color for something new.



95, 3.959, 12.056



97, 4.575, 12.123



96, 3.236, 63.282



50, 3.077, 12.198



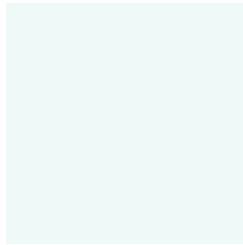
39, 79.550, 36.347



9, 31.572, 22.447

Previews

White Background



This preview shows how the CIELCh color 97, 3.863, 191.717 looks on a white background.

Color Contrast Check

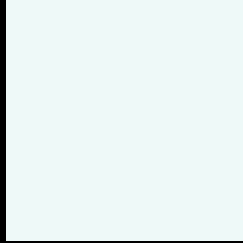
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 97, 3.863, 191.717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

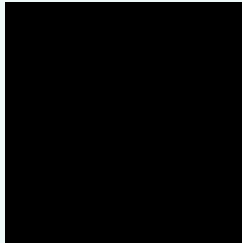
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

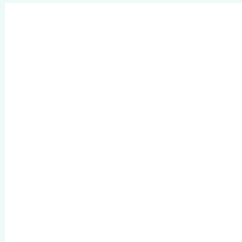
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 3.863, 191.717

Background



This preview shows how black text looks on a background with the CIELCh color 97, 3.863, 191.717.

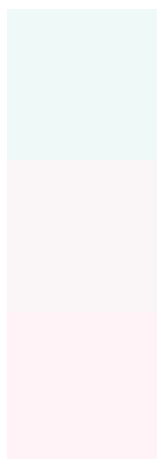


This preview shows how white text looks on a background with the CIELCh color 97, 3.863, 191.717.

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



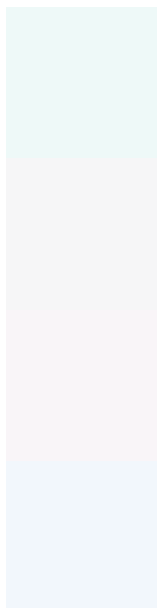
Original Color
97, 3.863, 191.717

Protanopia
97, 1.845, 3.104

Deuteranopia
97, 4.971, 348.712

Tritanopia
97, 4.650, 282.004

Trichromacy



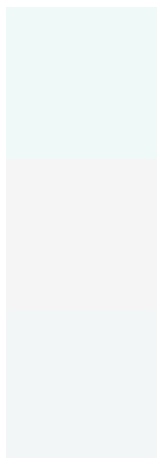
Original Color
97, 3.863, 191.717

Protanomaly
97, 0.522, 290.361

Deuteranomaly
97, 2.101, 332.263

Tritanomaly
97, 3.071, 256.057

Monochromacy



Original Color
97, 3.863, 191.717

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.399, 199.775

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 3.863, 191.717 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, 249, 248)` looks like.

```
.text, #text, p{  
    color:rgb(238, 249, 248)  
}
```

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, 249, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 249, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 3.863, 191.717 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, 249, 248) }
```

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

```
.border{ border-color:rgb(238, 249, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 249, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 249, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 249, 248);  
box-shadow:4px 4px 4px 4px rgb(238, 249,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 3.863, 191.717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 249, 248) }
```

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

```
.background{ background-color: rgb(238,  
249, 248) }
```

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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