

Converting Colors

CIELCh(97, 4.679, 187.169)

Have a look what the booklet for
CIELCh(97, 4.679, 187.169) contains.

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Color

CIELCh(97, 4.646, 186.522)

Conversions

Conversions Part 1

Format	Color
Hex	ECF9F7
RGB	236, 249, 247
RGB Percent	93%, 98%, 97%
CMY	0.0739, 0.0229, 0.0307
CMYK	0.05, 0.00, 0.01, 0.02
HSL	171°, 53%, 95%
HSV	171°, 5%, 98%
XYZ	85.3873, 92.4403, 101.4719
YIQ	244.8850, -7.1060, -3.3780

Conversions

Conversions Part 2

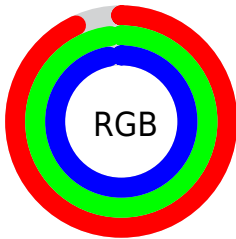
Format	Color
R _Y B	236, 243, 249
Decimal	15530487
CIE Lab	97.00, -4.62, -0.53
CIE LCh	97, 4.646, 186.522
Yxy	92.4403, 0.3057, 0.3310
Android (android.graphics.Color)	4293720567 (0xFFE9CF9F7)
YUV	244.8850, 1.0427, -7.7921
Hunter-Lab	96.1459, -9.7291, 4.7278

Details

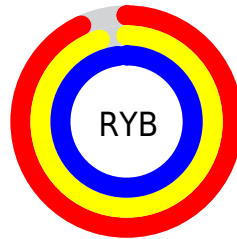
The CIELCh color **97, 4.646, 186.522** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 4.762, 7.144**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 4.865, 186.373** is the 20% darker color. If you saturate the color by 10%, you get **95, 13.336, 185.546**, and if you desaturate by 10%, it is **98, 2.265, 354.895**.

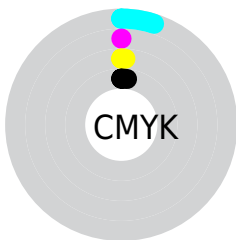
Distribution



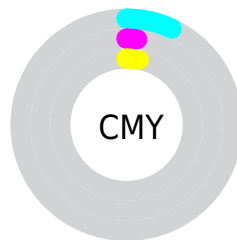
- Red (93%)
- Green (98%)
- Blue (97%)



- Red (93%)
- Yellow (95%)
- Blue (98%)



- Cyan (5%)
- Magenta (0%)
- Yellow (1%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 4.646, 186.522 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, 4.646, 186.522 by changing the saturation by 10% instead.



97, 4.646, 186.522

97, 4.646, 186.522

95, 13.336,
185.546

98, 2.265, 354.895

94, 21.616,
184.626

99, 3.565, 325.188

99, 3.629, 324.483

92, 29.341,
183.673


91, 36.356,
182.670

90, 42.516,
181.598

90, 47.703,
180.438

89, 51.847,
179.166

89, 54.942,
177.762

 88, 57.076,
176.211

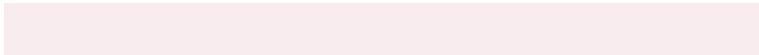
Harmonies

Complementary

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



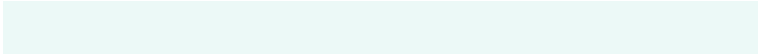
97, 4.646, 186.522



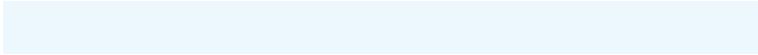
95, 4.762, 7.144

Rectangle

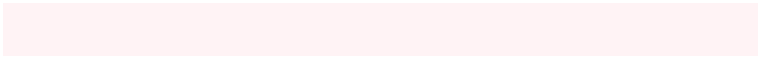
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



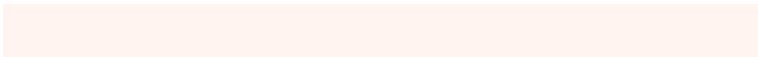
97, 4.646, 186.522



97, 4.646, 236.522



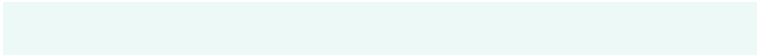
97, 4.646, 6.522



97, 4.646, 56.522

Sweetspot

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



97, 4.648, 186.501



100, 1.820, 186.987



97, 7.700, 139.588



53, 1.035, 187.013



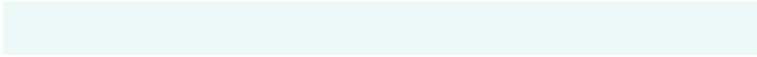
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

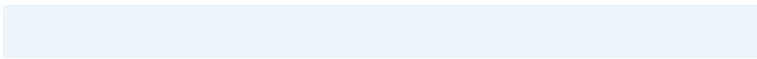
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 4.648, 186.501



99, 5.438, 186.417



96, 3.706, 236.296



52, 3.545, 186.351



69, 46.812, 175.733



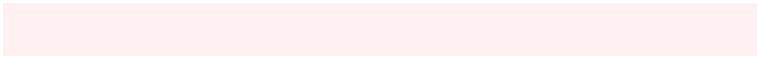
22, 20.684, 177.980

Inverse Universe

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



95, 4.762, 7.144



96, 5.591, 7.234



96, 3.794, 55.130



50, 3.654, 7.305



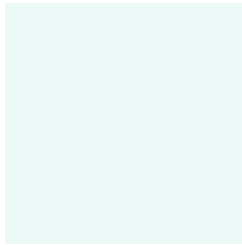
39, 76.459, 32.763



9, 31.219, 19.824

Previews

White Background



This preview shows how the CIELCh color 97, 4.646, 186.522 looks on a white background.

Color Contrast Check

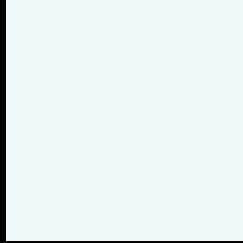
Large Text (above 18pt) WCAG AA × Fail

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, 4.646, 186.522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

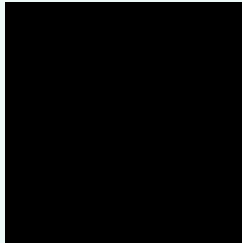
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

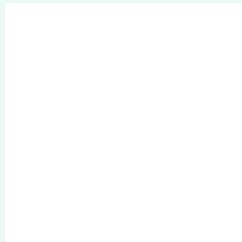
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 4.646, 186.522

Background



This preview shows how black text looks on a background with the CIELCh color 97, 4.646, 186.522.

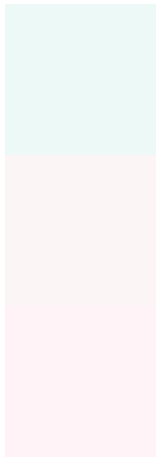


This preview shows how white text looks on a background with the CIELCh color 97, 4.646, 186.522.

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

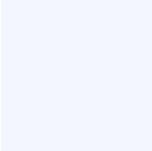
97, 4.646, 186.522

Protanopia

97, 2.121, 19.242

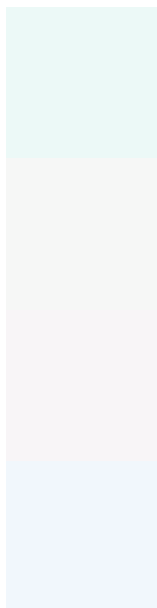
Deuteranopia

97, 4.729, 354.009



Tritanopia
97, 4.708, 277.847

Trichromacy



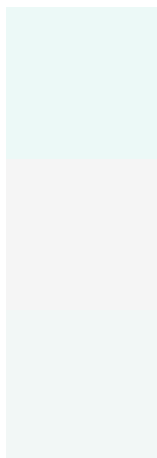
Original Color
97, 4.646, 186.522

Protanomaly
97, 0.613, 144.912

Deuteranomaly
97, 1.486, 335.475

Tritanomaly
97, 3.272, 251.005

Monochromacy



Original Color
97, 4.646, 186.522

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.826, 183.398

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 4.646, 186.522 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, 249, 247)` looks like.

```
.text, #text, p{  
    color:rgb(236, 249, 247)  
}
```

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, 249, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 249, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 4.646, 186.522 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, 249, 247) }
```

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

```
.border{ border-color:rgb(236, 249, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 249, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 249, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 249, 247); box-shadow:4px 4px 4px 4px rgb(236, 249, 247) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 4.646, 186.522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 249, 247) }
```

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

```
.background{ background-color: rgb(236,  
249, 247) }
```

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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