

Converting Colors

CIE LCh(97, 6.621, 202.363)

Have a look what the booklet for
CIELCh(97, 6.621, 202.363) contains.

CIELCh(97, 6.536, 203.587)	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, 6.536, 203.587)

Conversions

Conversions Part 1

Format	Color
Hex	E7FAFB
RGB	231, 250, 251
RGB Percent	91%, 98%, 98%
CMY	0.0936, 0.0191, 0.0151
CMYK	0.08, 0.00, 0.00, 0.02
HSL	183°, 72%, 95%
HSV	183°, 8%, 98%
XYZ	84.6599, 92.4403, 104.7598
YIQ	244.4330, -11.6450, -3.7170

Conversions

Conversions Part 2

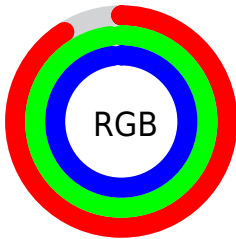
Format	Color
R _Y B	231, 241, 251
Decimal	15203067
CIE Lab	97.00, -5.99, -2.62
CIE LCh	97, 6.536, 203.587
Yxy	92.4403, 0.3004, 0.3280
Android (android.graphics.Color)	4293393147 (0xFFE7FAFB)
YUV	244.4330, 3.2375, -11.7807
Hunter-Lab	96.1459, -11.0797, 2.7002

Details

The CIELCh color **97, 6.536, 203.587** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 6.881, 24.040**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 6.815, 203.491** is the 20% darker color. If you saturate the color by 10%, you get **95, 14.329, 203.189**, and if you desaturate by 10%, it is **99, 1.272, 24.807**.

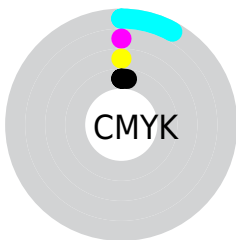
Distribution



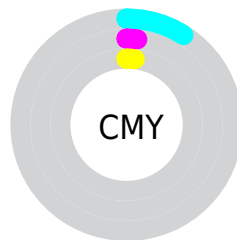
- Red (91%)
- Green (98%)
- Blue (98%)



- Red (91%)
- Yellow (95%)
- Blue (98%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



- Cyan (9%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 6.536, 203.587 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, 6.536, 203.587 by changing the saturation by 10% instead.

97, 6.536, 203.587

97, 6.536, 203.587

100, 6.536,
203.587

87, 6.536, 203.587

77, 6.536, 203.587

67, 6.536, 203.587

57, 6.536, 203.587

47, 6.536, 203.587

37, 6.536, 203.587

27, 6.536, 203.587

17, 6.536, 203.587

7, 6.536, 203.587

97, 6.536, 203.587

97, 6.536, 203.587

95, 14.329,
203.189

99, 1.272, 24.807

93, 21.534,
202.924

99, 1.113, 62.024

100, 1.437, 94.348

92, 28.014,
202.757

100, 1.948,
109.993

90, 33.632,
202.702

89, 38.270,
202.775

88, 41.846,
202.994

87, 44.326,
203.374

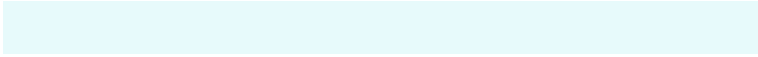
87, 45.750,
203.929

■ 86, 46.259,
204.659

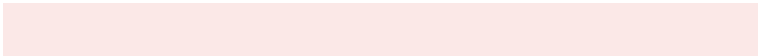
Harmonies

Complementary

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



97, 6.536, 203.587



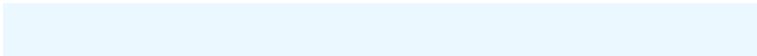
93, 6.881, 24.040

Rectangle

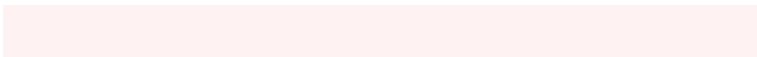
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



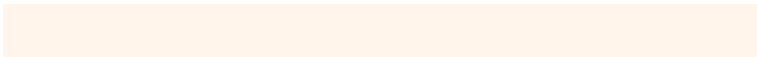
97, 6.536, 203.587



97, 6.536, 253.587



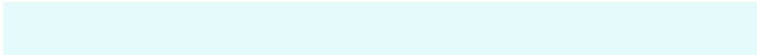
97, 6.536, 23.587



97, 6.536, 73.587

Sweetspot

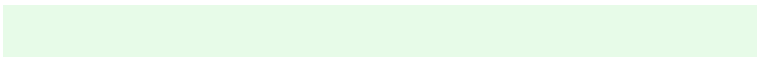
The Sweet Spot groups the original color and five complimentary colors.



97, 6.537, 203.569



100, 1.686, 204.087



97, 12.218, 144.896



53, 0.959, 204.111



0, 0.000, 0.000



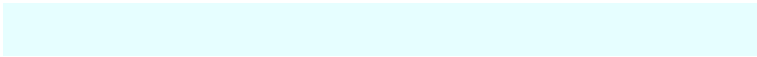
53, 0.007, 296.813

Same Dimension

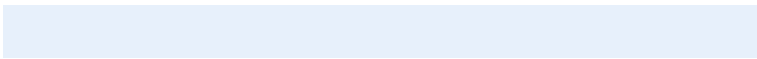
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 6.537, 203.569



98, 8.266, 203.477



95, 6.301, 260.058



51, 4.628, 203.499



67, 37.397, 204.663



22, 17.049, 203.552

Inverse Universe

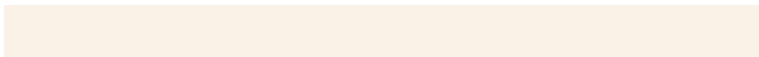
The Inverse Universe completely reimagines the original color for something new.



94, 12.103, 326.226



94, 15.404, 326.348



96, 6.388, 77.878



49, 8.611, 326.317



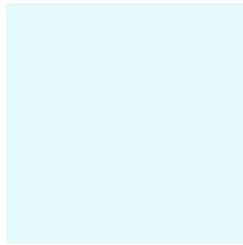
44, 88.622, 330.320



11, 40.295, 330.045

Previews

White Background



This preview shows how the CIELCh color 97, 6.536, 203.587 looks on a white background.

Color Contrast Check

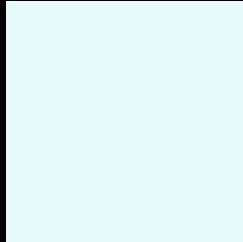
Large Text (above 18pt) WCAG AA × Fail

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, 6.536, 203.587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

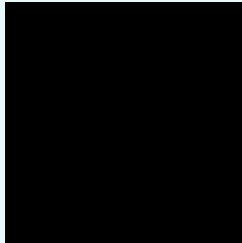
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

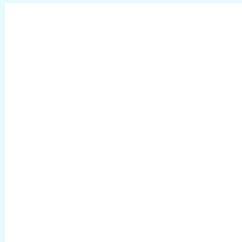
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 6.536, 203.587

Background



This preview shows how black text looks on a background with the CIELCh color 97, 6.536, 203.587.

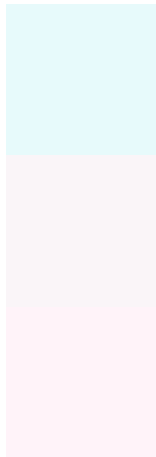


This preview shows how white text looks on a background with the CIELCh color 97, 6.536, 203.587.

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, 6.536, 203.587

Protanopia

97, 2.353, 338.595

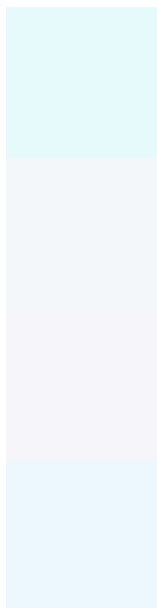
Deuteranopia

97, 5.253, 343.947



Tritanopia
97, 4.556, 263.537

Trichromacy



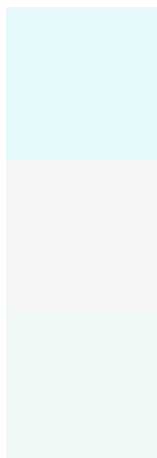
Original Color
97, 6.536, 203.587

Protanomaly
97, 1.721, 236.228

Deuteranomaly
97, 2.055, 290.370

Tritanomaly
97, 4.827, 238.877

Monochromacy



Original Color
97, 6.536, 203.587

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 2.440, 199.512

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 6.536, 203.587 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(231, 250, 251)` looks like.

```
.text, #text, p{  
    color:rgb(231, 250, 251)  
}
```

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(231, 250, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 250, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 6.536, 203.587 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(231, 250, 251) }
```

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

```
.border{ border-color:rgb(231, 250, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 250, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 250, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 250, 251);  
box-shadow:4px 4px 4px 4px rgb(231, 250,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 6.536, 203.587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 250, 251) }
```

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

```
.background{ background-color: rgb(231,  
250, 251) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor