

Converting Colors

CIE LCh(97, 7.966, 208.039)

Have a look what the booklet for
CIELCh(97, 7.966, 208.039) contains.

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Color

CIELCh(97, 7.894, 206.458)

Conversions

Conversions Part 1

Format	Color
Hex	E4FBFD
RGB	228, 251, 253
RGB Percent	89%, 98%, 99%
CMY	0.1065, 0.0163, 0.0085
CMYK	0.10, 0.01, 0.00, 0.01
HSL	185°, 85%, 94%
HSV	185°, 10%, 99%
XYZ	84.0924, 92.4403, 106.2018
YIQ	244.3510, -14.3500, -4.2540

Conversions

Conversions Part 2

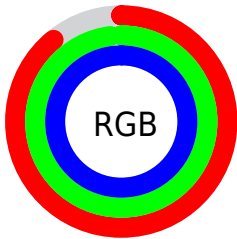
Format	Color
R _Y B	228, 240, 253
Decimal	15006717
CIE Lab	97.00, -7.07, -3.52
CIE LCh	97, 7.894, 206.458
Yxy	92.4403, 0.2974, 0.3270
Android (android.graphics.Color)	4293196797 (0xFFE4FBFD)
YUV	244.3510, 4.2640, -14.3398
Hunter-Lab	96.1459, -12.1332, 1.8110

Details

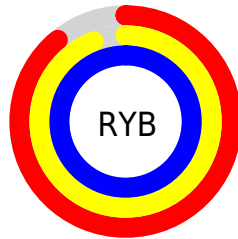
The CIELCh color **97, 7.894, 206.458** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 8.422, 26.883**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 7.879, 206.739** is the 20% darker color. If you saturate the color by 10%, you get **95, 15.411, 206.224**, and if you desaturate by 10%, it is **99, 0.093, 19.470**.

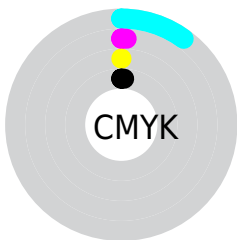
Distribution



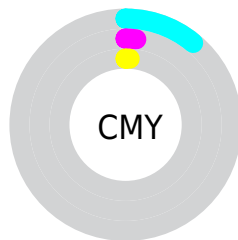
- Red (89%)
- Green (98%)
- Blue (99%)



- Red (89%)
- Yellow (94%)
- Blue (99%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (1%)



- Cyan (11%)
- Magenta (2%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 7.894, 206.458 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, 7.894, 206.458 by changing the saturation by 10% instead.

97, 7.894, 206.458

97, 7.894, 206.458

100, 7.894,
206.458

87, 7.894, 206.458

77, 7.894, 206.458

67, 7.894, 206.458

57, 7.894, 206.458

47, 7.894, 206.458

37, 7.894, 206.458

27, 7.894, 206.458

17, 7.894, 206.458

7, 7.894, 206.458

97, 7.894, 206.458

97, 7.894, 206.458

95, 15.411,
206.224

99, 0.093, 19.470

93, 22.326,
206.132

100, 1.025,
107.660

91, 28.504,
206.168

100, 1.086,
110.026

90, 33.812,
206.354

88, 38.137,
206.719

87, 41.400,
207.292

86, 43.580,
208.103

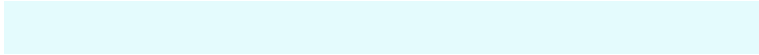
85, 44.729,
209.178

■ 85, 45.050,
210.509

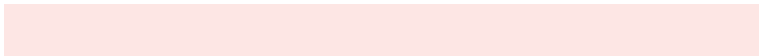
Harmonies

Complementary

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



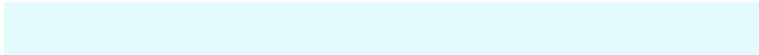
97, 7.894, 206.458



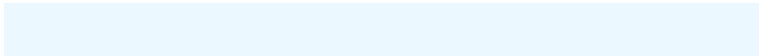
93, 8.422, 26.883

Rectangle

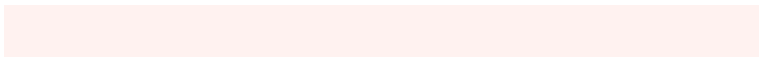
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



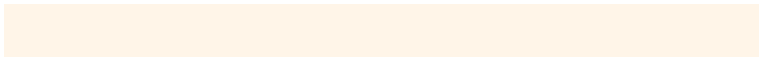
97, 7.894, 206.458



97, 7.894, 256.458



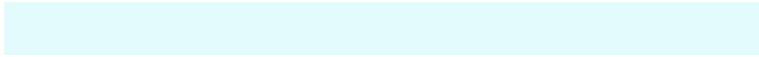
97, 7.894, 26.458



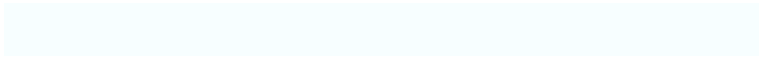
97, 7.894, 76.458

Sweetspot

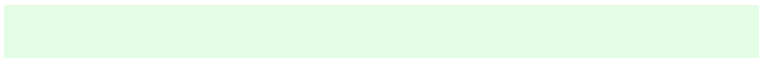
The Sweet Spot groups the original color and five complimentary colors.



97, 7.895, 206.443



99, 2.454, 206.800



97, 14.924, 145.703



53, 1.857, 206.721



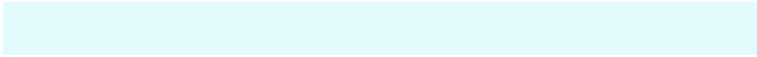
0, 0.000, 0.000



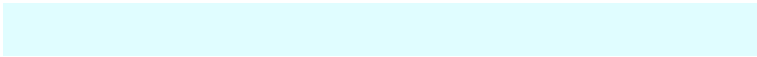
53, 0.007, 296.813

Same Dimension

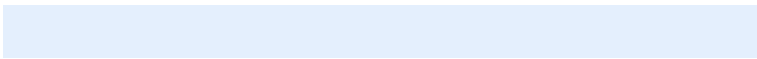
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 7.895, 206.443



97, 9.592, 206.384



94, 8.109, 263.662



52, 4.576, 206.455



66, 36.569, 210.263



22, 16.985, 208.430

Inverse Universe

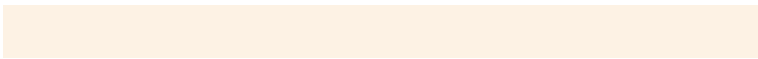
The Inverse Universe completely reimagines the original color for something new.



93, 14.814, 327.216



93, 18.126, 327.343



96, 8.218, 80.971



50, 8.576, 327.194



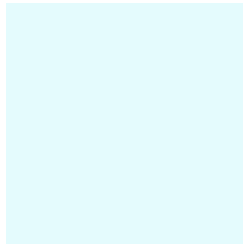
45, 87.417, 331.698



12, 40.521, 331.249

Previews

White Background



This preview shows how the CIELCh color 97, 7.894, 206.458 looks on a white background.

Color Contrast Check

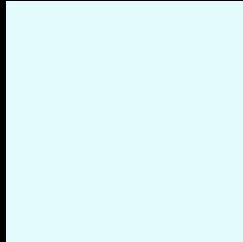
Large Text (above 18pt) WCAG AA × Fail

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, 7.894, 206.458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

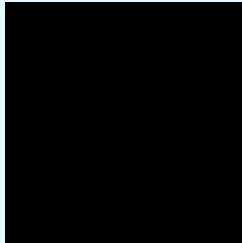
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

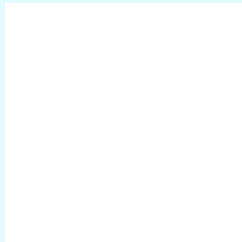
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 7.894, 206.458

Background



This preview shows how black text looks on a background with the CIELCh color 97, 7.894, 206.458.

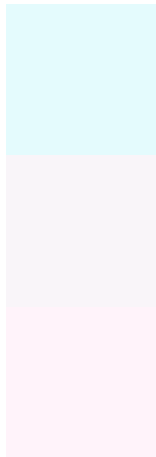


This preview shows how white text looks on a background with the CIELCh color 97, 7.894, 206.458.

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, 7.894, 206.458

Protanopia

97, 2.503, 324.409

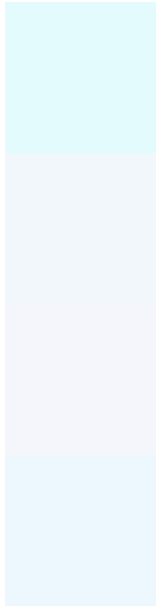
Deuteranopia

97, 5.567, 339.698



Tritanopia
97, 4.715, 259.792

Trichromacy



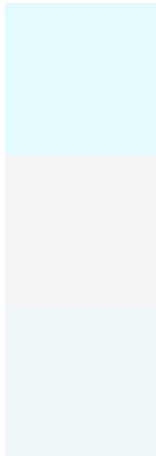
Original Color
97, 7.894, 206.458

Protanomaly
97, 2.572, 236.221

Deuteranomaly
97, 2.584, 282.663

Tritanomaly
97, 5.093, 236.430

Monochromacy



Original Color
97, 7.894, 206.458

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 2.824, 209.909

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 7.894, 206.458 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(228, 251, 253)` looks like.

```
.text, #text, p{  
    color:rgb(228, 251, 253)  
}
```

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(228, 251, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 251, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 7.894, 206.458 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(228, 251, 253) }
```

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

```
.border{ border-color:rgb(228, 251, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 251, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 251, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 251, 253);  
box-shadow:4px 4px 4px 4px rgb(228, 251,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 7.894, 206.458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 251, 253) }
```

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

```
.background{ background-color: rgb(228,  
251, 253) }
```

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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