

Converting Colors

CIELCh(97, 8.821, 208.804)

Have a look what the booklet for
CIELCh(97, 8.821, 208.804) contains.

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Color

CIELCh(97, 8.602, 209.256)

Conversions

Conversions Part 1

Format	Color
Hex	E2FBFE
RGB	226, 251, 254
RGB Percent	89%, 98%, 100%
CMY	0.1132, 0.0151, 0.0034
CMYK	0.11, 0.01, 0.00, 0.00
HSL	186°, 94%, 94%
HSV	186°, 11%, 100%
XYZ	83.8627, 92.4403, 107.3088
YIQ	243.8670, -15.8630, -4.3670

Conversions

Conversions Part 2

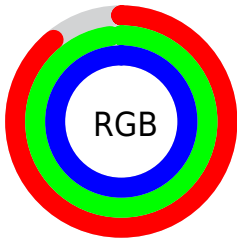
Format	Color
R_{YB}	226, 239, 254
Decimal	14875646
CIE _{Lab}	97.00, -7.50, -4.20
CIE _{LCh}	97, 8.602, 209.256
Yxy	92.4403, 0.2957, 0.3259
Android (android.graphics.Color)	4293065726 (0xFFE2FBFE)
YUV	243.8670, 4.9956, -15.6694
Hunter-Lab	96.1459, -12.5597, 1.1283

Details

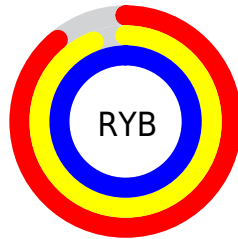
The CIELCh color `97, 8.602, 209.256` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `93, 9.250, 29.516`, and the grayscale version is `96, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `77, 8.612, 209.654` is the 20% darker color. If you saturate the color by 10%, you get `95, 15.915, 209.171`, and if you desaturate by 10%, it is `99, 0.815, 210.113`.

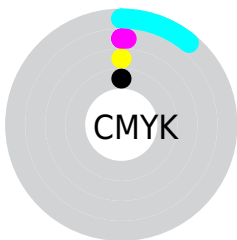
Distribution



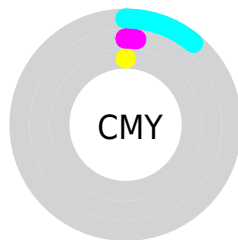
- Red (89%)
- Green (98%)
- Blue (100%)



- Red (89%)
- Yellow (94%)
- Blue (100%)



- Cyan (11%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 8.602, 209.256 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, 8.602, 209.256 by changing the saturation by 10% instead.

 97, 8.602, 209.256

 97, 8.602, 209.256

 100, 8.602,
209.256

 87, 8.602, 209.256

 77, 8.602, 209.256

 67, 8.602, 209.256

 57, 8.602, 209.256

 47, 8.602, 209.256

 37, 8.602, 209.256

 27, 8.602, 209.256

 17, 8.602, 209.256

 7, 8.602, 209.256

97, 8.602, 209.256

97, 8.602, 209.256

95, 15.915,
209.171

99, 0.815, 210.113

93, 22.624,
209.246

100, 0.422,
109.963

91, 28.598,
209.478

89, 33.708,
209.902

87, 37.842,
210.554

86, 40.928,
211.478

85, 42.950,
212.719

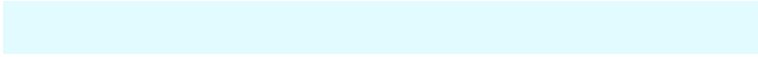
84, 43.974,
214.317

■ 83, 44.233,
216.041

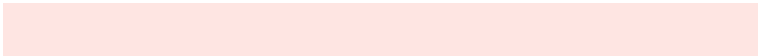
Harmonies

Complementary

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



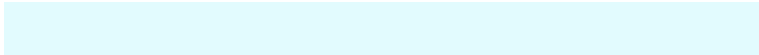
97, 8.602, 209.256



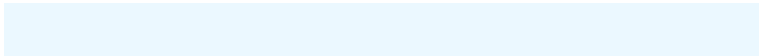
93, 9.250, 29.516

Rectangle

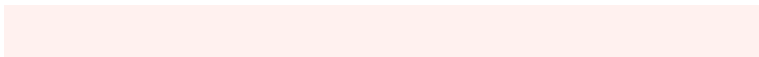
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



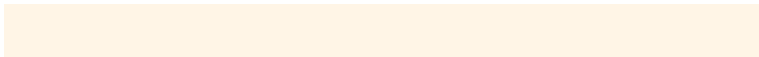
97, 8.602, 209.256



97, 8.602, 259.256



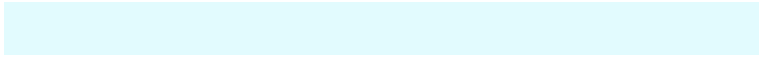
97, 8.602, 29.256



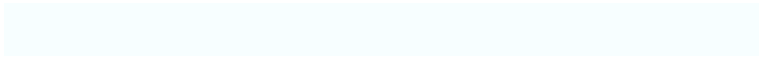
97, 8.602, 79.256

Sweetspot

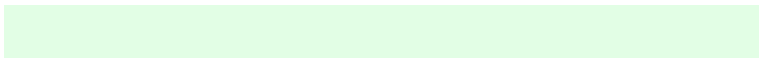
The Sweet Spot groups the original color and five complimentary colors.



97, 8.603, 209.242



99, 2.398, 209.542



97, 16.327, 146.602



53, 1.814, 209.471



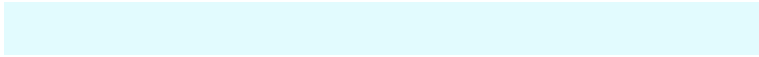
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

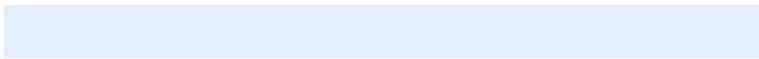
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 8.603, 209.242



97, 10.121, 209.215



94, 9.384, 266.961



52, 4.470, 209.268



64, 35.762, 215.664



21, 16.612, 213.067

Inverse Universe

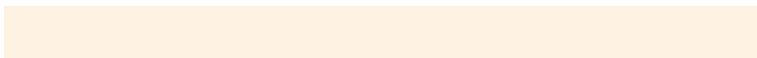
The Inverse Universe completely reimagines the original color for something new.



93, 16.279, 328.110



92, 19.280, 328.231



96, 9.481, 83.973



50, 8.416, 328.018



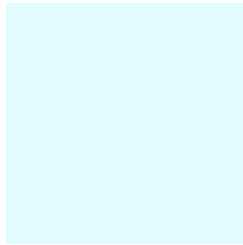
44, 85.573, 333.022



12, 39.767, 332.385

Previews

White Background



This preview shows how the CIELCh color 97, 8.602, 209.256 looks on a white background.

Color Contrast Check

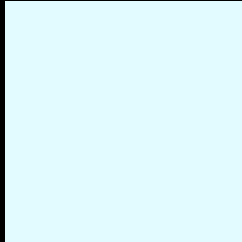
Large Text (above 18pt) WCAG AA × Fail

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, 8.602, 209.256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

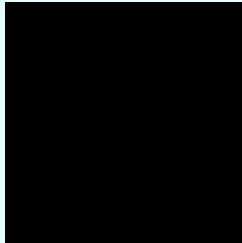
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 8.602, 209.256

Background



This preview shows how black text looks on a background with the CIELCh color 97, 8.602, 209.256.

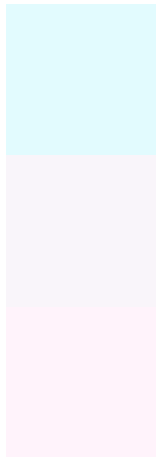


This preview shows how white text looks on a background with the CIELCh color 97, 8.602, 209.256.

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, 8.602, 209.256

Protanopia

97, 2.940, 318.817

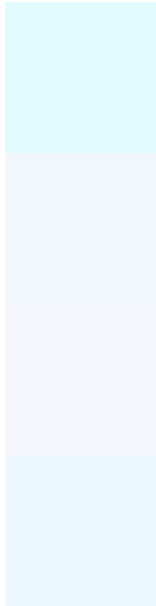
Deuteranopia

97, 5.909, 335.926



Tritanopia
97, 4.715, 259.792

Trichromacy



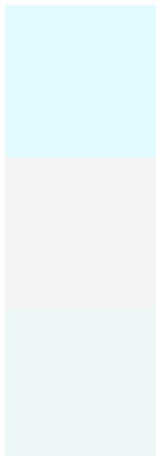
Original Color
97, 8.602, 209.256

Protanomaly
97, 3.272, 251.005

Deuteranomaly
97, 3.091, 283.983

Tritanomaly
97, 5.642, 232.247

Monochromacy



Original Color
97, 8.602, 209.256

Achromatopsia
96, 0.011, 296.813

Achromatomaly
97, 3.161, 208.733

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 8.602, 209.256 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(226, 251, 254)` looks like.

```
.text, #text, p{  
    color:rgb(226, 251, 254)  
}
```

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(226, 251, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 251, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 8.602, 209.256 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(226, 251, 254) }
```

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

```
.border{ border-color:rgb(226, 251, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 251, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 251, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 251, 254);  
box-shadow:4px 4px 4px 4px rgb(226, 251,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 8.602, 209.256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 251, 254) }
```

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

```
.background{ background-color: rgb(226,  
251, 254) }
```

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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