

Converting Colors

CIELCh(97, 4.548, 223.534)

Have a look what the booklet for
CIELCh(97, 4.548, 223.534) contains.

CIELCh(97, 4.709, 218.306)	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, 4.709, 218.306)

Conversions

Conversions Part 1

Format	Color
Hex	ECF9FC
RGB	236, 249, 252
RGB Percent	93%, 98%, 99%
CMY	0.0753, 0.0243, 0.0126
CMYK	0.06, 0.01, 0.00, 0.01
HSL	191°, 71%, 96%
HSV	191°, 6%, 99%
XYZ	85.8771, 92.4403, 105.2438
YIQ	245.4550, -8.7110, -1.8230

Conversions

Conversions Part 2

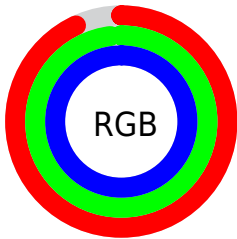
Format	Color
R _Y B	236, 243, 252
Decimal	15530492
CIE Lab	97.00, -3.70, -2.92
CIE LCh	97, 4.709, 218.306
Yxy	92.4403, 0.3029, 0.3260
Android (android.graphics.Color)	4293720572 (0xFFE9CF9C)
YUV	245.4550, 3.2267, -8.2920
Hunter-Lab	96.1459, -8.8197, 2.4017

Details

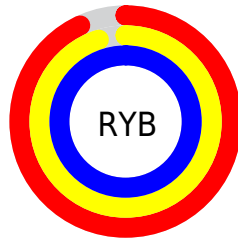
The CIELCh color `97, 4.709, 218.306` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `95, 4.898, 37.788`, and the grayscale version is `97, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `77, 4.788, 212.141` is the 20% darker color. If you saturate the color by 10%, you get `94, 11.799, 218.515`, and if you desaturate by 10%, it is `100, 1.001, 78.772`.

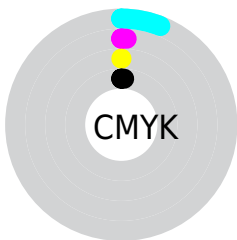
Distribution



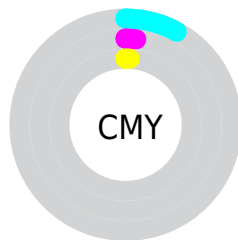
- Red (93%)
- Green (98%)
- Blue (99%)



- Red (93%)
- Yellow (95%)
- Blue (99%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (1%)



- Cyan (8%)
- Magenta (2%)
- Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 4.709, 218.306 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, 4.709, 218.306 by changing the saturation by 10% instead.

 97, 4.709, 218.306

 97, 4.709, 218.306

 100, 4.709,
218.306

 87, 4.709, 218.306

 77, 4.709, 218.306

 67, 4.709, 218.306

 57, 4.709, 218.306

 47, 4.709, 218.306

 37, 4.709, 218.306

 27, 4.709, 218.306

 17, 4.709, 218.306

 7, 4.709, 218.306

97, 4.709, 218.306

97, 4.709, 218.306

94, 11.799,
218.515

100, 1.001, 78.772

91, 18.405,
218.985

100, 1.612,
110.010

89, 24.412,
219.682

86, 29.702,
220.655

84, 34.168,
221.972

82, 37.730,
223.708

80, 40.356,
225.948

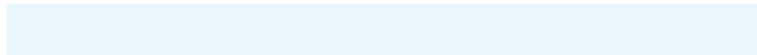
78, 42.091,
228.768

■ 77, 43.076,
232.212

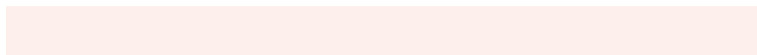
Harmonies

Complementary

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



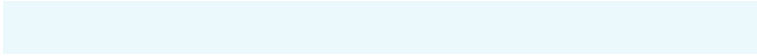
97, 4.709, 218.306



95, 4.898, 37.788

Rectangle

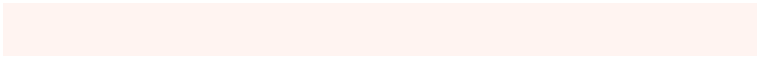
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 4.709, 218.306



97, 4.709, 268.306



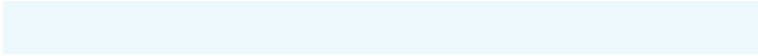
97, 4.709, 38.306



97, 4.709, 88.306

Sweetspot

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



97, 4.710, 218.278



99, 1.514, 218.476



97, 8.777, 149.591



53, 0.861, 218.497



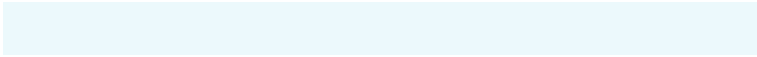
0, 0.000, 0.000



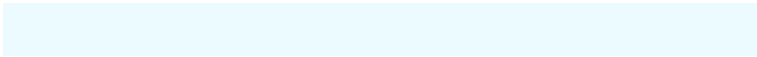
53, 0.007, 296.813

Same Dimension

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



97, 4.710, 218.278



98, 5.966, 218.293



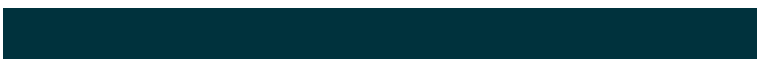
95, 5.856, 273.291



51, 4.154, 218.317



59, 34.858, 232.842



18, 15.708, 227.678

Inverse Universe

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



95, 8.780, 330.438



95, 11.181, 330.550



97, 5.838, 91.604



49, 7.823, 330.649



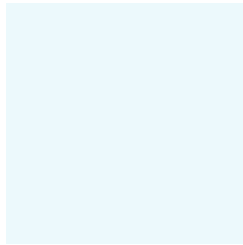
43, 79.653, 337.407



11, 36.689, 336.038

Previews

White Background



This preview shows how the CIELCh color 97, 4.709, 218.306 looks on a white background.

Color Contrast Check

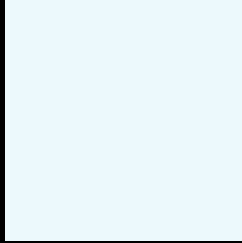
Large Text (above 18pt) WCAG AA × Fail

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, 4.709, 218.306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

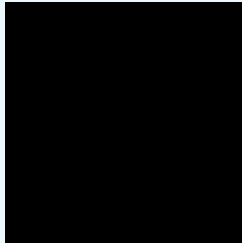
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

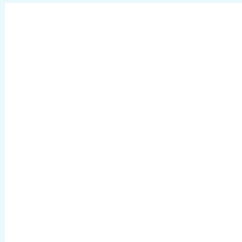
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 4.709, 218.306

Background



This preview shows how black text looks on a background with the CIELCh color 97, 4.709, 218.306.

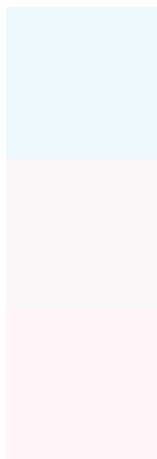


This preview shows how white text looks on a background with the CIELCh color 97, 4.709, 218.306.

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

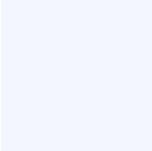
97, 4.709, 218.306

Protanopia

97, 2.503, 324.409

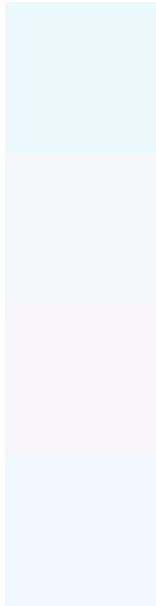
Deuteranopia

97, 5.253, 343.947



Tritanopia
97, 4.708, 277.847

Trichromacy



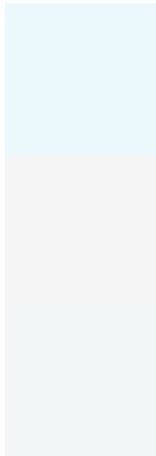
Original Color
97, 4.709, 218.306

Protanomaly
97, 2.159, 271.555

Deuteranomaly
97, 2.786, 312.503

Tritanomaly
97, 4.287, 256.221

Monochromacy



Original Color
97, 4.709, 218.306

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.483, 219.952

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 4.709, 218.306 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, 252)` looks like.

```
.text, #text, p{  
    color:rgb(236, 249, 252)  
}
```

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, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 249, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 4.709, 218.306 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, 252) }
```

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

```
.border{ border-color:rgb(236, 249, 252) }
```

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, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 249, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 249, 252);  
box-shadow:4px 4px 4px 4px rgb(236, 249,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 4.709, 218.306 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, 252) }
```

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

```
.background{ background-color: rgb(236,  
249, 252) }
```

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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