

Converting Colors

CIELCh(97, 14.894, 288.016)

Have a look what the booklet for
CIELCh(97, 14.894, 288.016)
contains.

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Color

CIELCh(97, 5.212, 279.141)

Conversions

Conversions Part 1

Format	Color
Hex	F3F6FF
RGB	243, 246, 255
RGB Percent	95%, 96%, 100%
CMY	0.0462, 0.0344, 0.0000
CMYK	0.05, 0.03, 0.00, 0.00
HSL	225°, 100%, 98%
HSV	225°, 5%, 100%
XYZ	88.3106, 92.4403, 108.8396
YIQ	246.1290, -4.6770, 2.1630

Conversions

Conversions Part 2

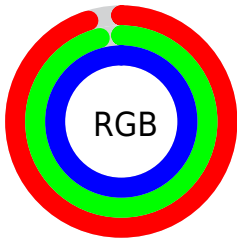
Format	Color
R_{YB}	243, 245, 255
Decimal	15988479
CIE _{Lab}	97.00, 0.83, -5.15
CIE _{LCh}	97, 5.212, 279.141
Yxy	92.4403, 0.3049, 0.3192
Android (android.graphics.Color)	4294178559 (0xFF3F6FF)
YUV	246.1290, 4.3734, -2.7441
Hunter-Lab	96.1459, -4.3019, 0.1843

Details

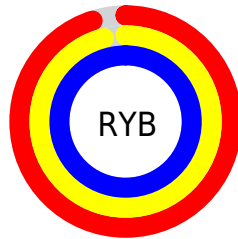
The CIELCh color `97, 5.212, 279.141` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `99, 4.562, 96.283`, and the grayscale version is `97, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `77, 4.417, 276.392` is the 20% darker color. If you saturate the color by 10%, you get `90, 14.696, 278.811`, and if you desaturate by 10%, it is `100, 0.012, 296.813`.

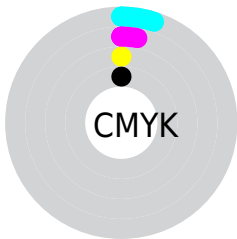
Distribution



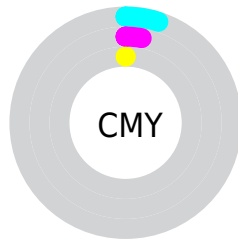
- Red (95%)
- Green (96%)
- Blue (100%)



- Red (95%)
- Yellow (96%)
- Blue (100%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)




- Cyan (5%)
- Magenta (3%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 5.212, 279.141 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, 5.212, 279.141 by changing the saturation by 10% instead.


 97, 5.212, 279.141

 97, 5.212, 279.141

 100, 5.212,
279.141

 87, 5.212, 279.141

 77, 5.212, 279.141

 67, 5.212, 279.141

 57, 5.212, 279.141

 47, 5.212, 279.141

 37, 5.212, 279.141

 27, 5.212, 279.141

 17, 5.212, 279.141

 7, 5.212, 279.141

97, 5.212, 279.141

97, 5.212, 279.141

90, 14.696,
278.811

100, 0.012,
296.813

84, 25.055,
280.391

77, 35.691,
282.246

71, 46.636,
284.413

64, 57.926,
286.923

58, 69.591,
289.776

52, 81.603,
292.918

47, 93.784,
296.210

■ 42, 105.651,
299.424

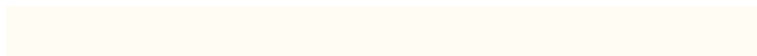
Harmonies

Complementary

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



97, 5.212, 279.141



99, 4.562, 96.283

Rectangle

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



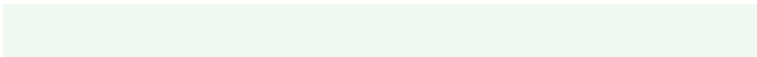
97, 5.212, 279.141



97, 5.212, 329.141



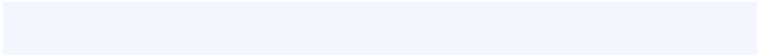
97, 5.212, 99.141



97, 5.212, 149.141

Sweetspot

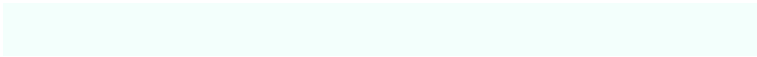
The Sweet Spot groups the original color and five complimentary colors.



97, 4.594, 277.487



99, 0.999, 277.224



99, 4.408, 178.021



53, 0.568, 277.230



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, 4.594, 277.487



96, 5.975, 277.651



96, 6.129, 299.570



51, 3.966, 277.732



29, 88.445, 300.465



7, 35.427, 295.674

Inverse Universe

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



97, 4.458, 359.436



96, 5.809, 359.601



100, 6.052, 118.983



51, 3.859, 359.675



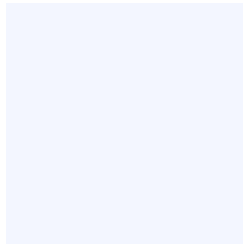
40, 72.401, 25.183



10, 31.672, 15.674

Previews

White Background



This preview shows how the CIE LCh color 97, 5.212, 279.141 looks on a white background.

Color Contrast Check

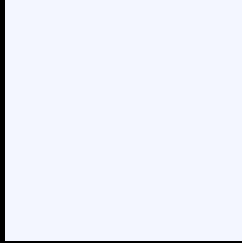
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 97, 5.212, 279.141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

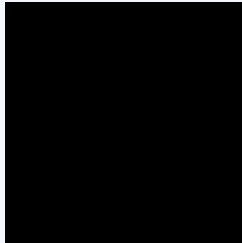
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

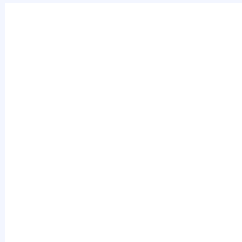
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 5.212, 279.141

Background



This preview shows how black text looks on a background with the CIELCh color 97, 5.212, 279.141.

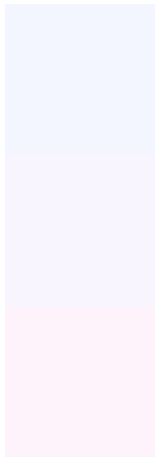


This preview shows how white text looks on a background with the CIELCh color 97, 5.212, 279.141.

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, 4.708, 277.847

Protanopia

97, 4.743, 303.226

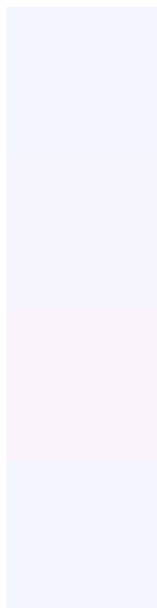
Deuteranopia

97, 5.909, 335.926



Tritanopia
97, 4.617, 286.251

Trichromacy



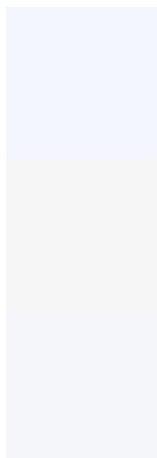
Original Color
97, 4.708, 277.847

Protanomaly
97, 4.631, 294.835

Deuteranomaly
97, 4.801, 321.099

Tritanomaly
97, 4.650, 282.004

Monochromacy



Original Color
97, 4.708, 277.847

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.578, 277.559

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 5.212, 279.141 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(243, 246, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 246, 255)  
}
```

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(243, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 246, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 5.212, 279.141 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(243, 246, 255) }
```

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

```
.border{ border-color:rgb(243, 246, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 246, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 246, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 246, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 246,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 5.212, 279.141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 246, 255) }
```

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

```
.background{ background-color: rgb(243,  
246, 255) }
```

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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