

Converting Colors

CIELCh(97, 5.159, 282.841)

Have a look what the booklet for
CIELCh(97, 5.159, 282.841) contains.

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Color

CIELCh(97, 4.650, 282.004)

Conversions

Conversions Part 1

Format	Color
Hex	F4F6FF
RGB	244, 246, 255
RGB Percent	96%, 96%, 100%
CMY	0.0428, 0.0349, 0.0000
CMYK	0.04, 0.03, 0.00, 0.00
HSL	229°, 100%, 98%
HSV	229°, 4%, 100%
XYZ	88.3861, 92.4403, 107.8669
YIQ	246.4280, -4.0810, 2.3750

Conversions

Conversions Part 2

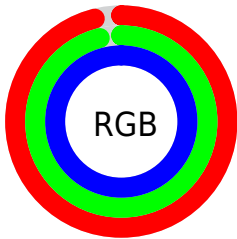
Format	Color
R_{YB}	244, 246, 255
Decimal	16054015
CIE _{Lab}	97.00, 0.97, -4.55
CIE _{LCh}	97, 4.650, 282.004
Y _{xy}	92.4403, 0.3062, 0.3202
Android (android.graphics.Color)	4294244095 (0xFFFF4F6FF)
YUV	246.4280, 4.2260, -2.1294
Hunter-Lab	96.1459, -4.1617, 0.7842

Details

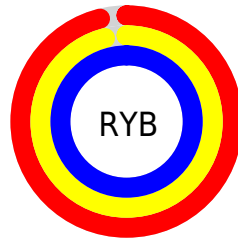
The CIELCh color `97, 4.650, 282.004` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `99, 4.559, 100.849`, and the grayscale version is `97, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `77, 4.349, 281.018` is the 20% darker color. If you saturate the color by 10%, you get `90, 15.569, 283.148`, and if you desaturate by 10%, it is `100, 0.012, 296.813`.

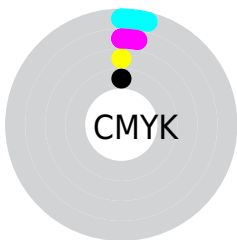
Distribution



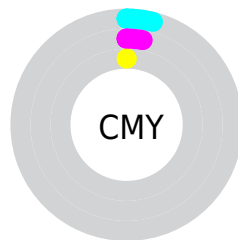
- Red (96%)
- Green (96%)
- Blue (100%)



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



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 4.650, 282.004 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, 4.650, 282.004 by changing the saturation by 10% instead.

97, 4.650, 282.004

97, 4.650, 282.004

100, 4.650,
282.004

87, 4.650, 282.004

77, 4.650, 282.004

67, 4.650, 282.004

57, 4.650, 282.004

47, 4.650, 282.004

37, 4.650, 282.004

27, 4.650, 282.004

17, 4.650, 282.004

7, 4.650, 282.004

97, 4.650, 282.004

97, 4.650, 282.004

90, 15.569,
283.148

100, 0.012,
296.813

83, 26.886,
284.643

76, 38.585,
286.399

69, 50.702,
288.451

62, 63.269,
290.819

55, 76.278,
293.492

49, 89.592,
296.392

43, 102.786,
299.349

■ 39,114.946,
302.093

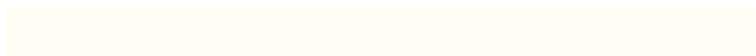
Harmonies

Complementary

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



97, 4.650, 282.004



99, 4.559, 100.849

Rectangle

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



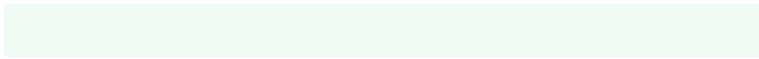
97, 4.650, 282.004



97, 4.650, 332.004



97, 4.650, 102.004



97, 4.650, 152.004

Sweetspot

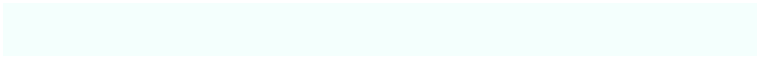
The Sweet Spot groups the original color and five complimentary colors.



97, 4.602, 281.894



99, 1.079, 281.641



99, 3.956, 183.024



53, 0.614, 281.644



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, 4.602, 281.894



96, 5.383, 281.974



97, 5.722, 302.039



51, 3.675, 282.054



27, 96.080, 303.011



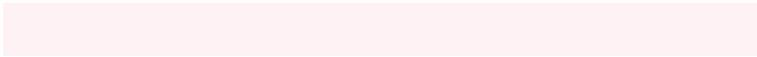
6, 38.239, 298.070

Inverse Universe

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



97, 4.006, 4.735



97, 4.690, 4.825



99, 5.656, 121.569



51, 3.206, 4.908



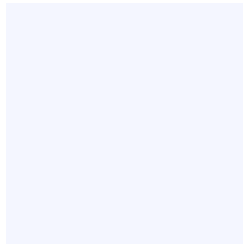
40, 75.759, 30.792



10, 32.081, 19.528

Previews

White Background



This preview shows how the CIELCh color 97, 4.650, 282.004 looks on a white background.

Color Contrast Check

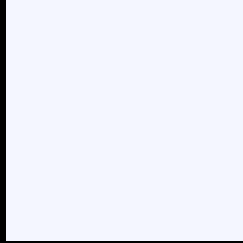
Large Text (above 18pt) WCAG AA × Fail

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, 4.650, 282.004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

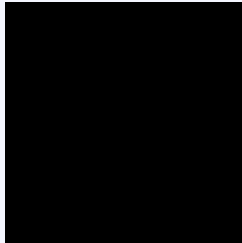
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

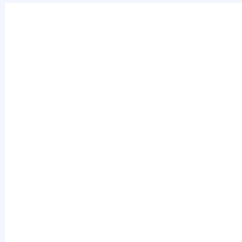
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 4.650, 282.004

Background



This preview shows how black text looks on a background with the CIELCh color 97, 4.650, 282.004.

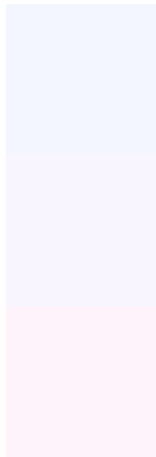


This preview shows how white text looks on a background with the CIELCh color 97, 4.650, 282.004.

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, 4.650, 282.004

Protanopia

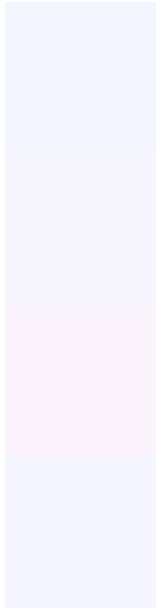
97, 4.743, 303.226

Deuteranopia

97, 5.909, 335.926

Tritanopia
97, 4.609, 290.544

Trichromacy



Original Color
97, 4.650, 282.004

Protanomaly
97, 4.674, 299.077

Deuteranomaly
97, 4.801, 321.099

Tritanomaly
97, 4.617, 286.251

Monochromacy



Original Color
97, 4.650, 282.004

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.577, 277.559

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 4.650, 282.004 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(244, 246, 255)` looks like.

```
.text, #text, p{  
    color:rgb(244, 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(244, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 246, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 4.650, 282.004 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(244, 246, 255) }
```

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

```
.border{ border-color:rgb(244, 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(244, 246, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 246, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 246, 255);  
box-shadow:4px 4px 4px 4px rgb(244, 246,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 4.650, 282.004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 246, 255) }
```

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

```
.background{ background-color: rgb(244,  
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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