

Converting Colors

CIELCh(97, 5.047, 236.412)

Have a look what the booklet for
CIELCh(97, 5.047, 236.412) contains.

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Color

CIELCh(97, 5.093, 236.430)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | ECF8FE |
| RGB | 236, 248, 254 |
| RGB Percent | 93%, 97%, 100% |
| CMY | 0.0731, 0.0260, 0.0024 |
| CMYK | 0.07, 0.02, 0.00, 0.00 |
| HSL | 200°, 94%, 96% |
| HSV | 200°, 7%, 100% |
| XYZ | 86.3465, 92.4403, 107.3730 |
| YIQ | 245.0960, -9.0780, -0.6780 |

Conversions

Conversions Part 2

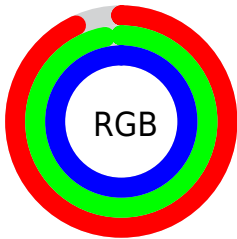
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 236, 243, 254 |
| Decimal | 15530238 |
| CIE Lab | 97.00, -2.82, -4.24 |
| CIE LCh | 97, 5.093, 236.430 |
| Yxy | 92.4403, 0.3017, 0.3230 |
| Android (android.graphics.Color) | 4293720318 (0xFFE0F8FE) |
| YUV | 245.0960, 4.3897, -7.9772 |
| Hunter-Lab | 96.1459, -7.9484, 1.0887 |

Details

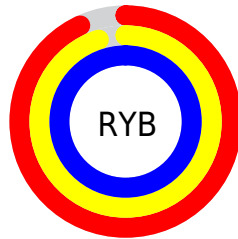
The CIELCh color `97, 5.093, 236.430` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `96, 5.269, 54.998`, and the grayscale version is `97, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `77, 5.030, 231.543` is the 20% darker color. If you saturate the color by 10%, you get `93, 12.045, 237.397`, and if you desaturate by 10%, it is `100, 0.305, 109.901`.

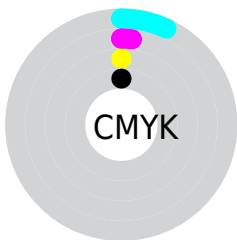
Distribution



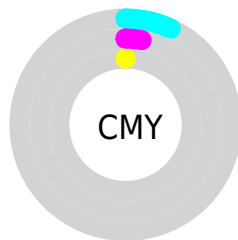
- Red (93%)
- Green (97%)
- Blue (100%)



- Red (93%)
- Yellow (95%)
- Blue (100%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 5.093, 236.430 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, 5.093, 236.430 by changing the saturation by 10% instead.

97, 5.093, 236.430

97, 5.093, 236.430

100, 5.093,
236.430

87, 5.093, 236.430

77, 5.093, 236.430

67, 5.093, 236.430

57, 5.093, 236.430

47, 5.093, 236.430

37, 5.093, 236.430

27, 5.093, 236.430

17, 5.093, 236.430

7, 5.093, 236.430

97, 5.093, 236.430

97, 5.093, 236.430

93, 12.045,
237.397

100, 0.305,
109.901

89, 18.656,
238.706

86, 24.847,
240.360

82, 30.545,
242.433

79, 35.691,
245.015

76, 40.264,
248.192

73, 44.299,
252.034

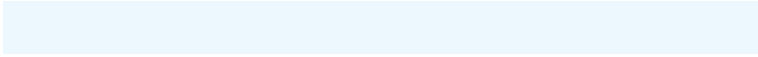
70, 47.913,
256.552

■ 67, 51.304,
261.644

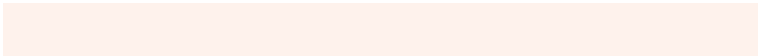
Harmonies

Complementary

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



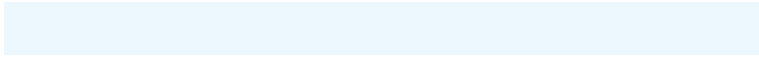
97, 5.093, 236.430



96, 5.269, 54.998

Rectangle

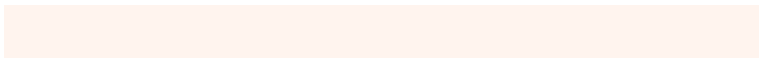
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 5.093, 236.430



97, 5.093, 286.430



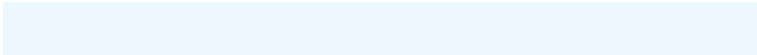
97, 5.093, 56.430



97, 5.093, 106.430

Sweetspot

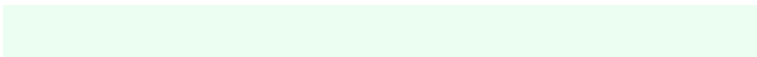
The Sweet Spot groups the original color and five complimentary colors.



97, 5.093, 236.403



99, 1.458, 236.235



98, 8.950, 154.511



53, 0.829, 236.248



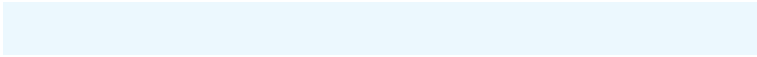
0, 0.000, 0.000



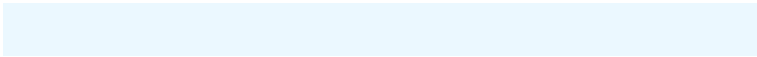
53, 0.007, 296.813

Same Dimension

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



97, 5.093, 236.403



97, 5.757, 236.478



95, 7.627, 282.237



51, 4.080, 236.610



51, 41.778, 262.173



16, 17.970, 254.947

Inverse Universe

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



95, 8.889, 336.111



95, 10.075, 336.183



99, 7.546, 100.568



50, 7.169, 336.300



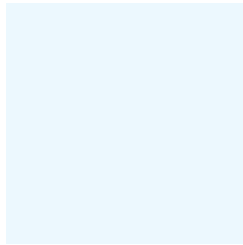
42, 72.827, 347.462



11, 34.341, 344.428

Previews

White Background



This preview shows how the CIELCh color 97, 5.093, 236.430 looks on a white background.

Color Contrast Check

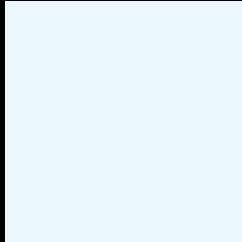
Large Text (above 18pt) WCAG AA × Fail

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, 5.093, 236.430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

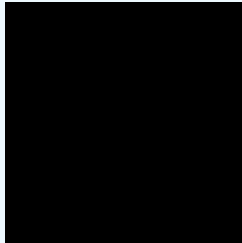
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

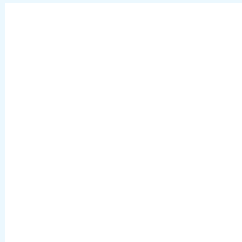
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 5.093, 236.430

Background



This preview shows how black text looks on a background with the CIELCh color 97, 5.093, 236.430.

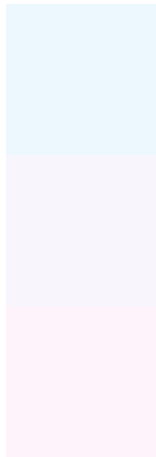


This preview shows how white text looks on a background with the CIELCh color 97, 5.093, 236.430.

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, 5.093, 236.430

Protanopia

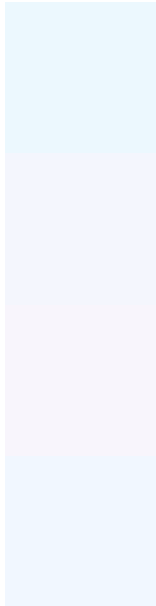
97, 3.868, 311.597

Deuteranopia

97, 5.909, 335.926

Tritanopia
97, 4.708, 277.847

Trichromacy



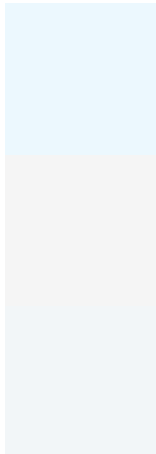
Original Color
97, 5.093, 236.430

Protanomaly
97, 3.643, 279.508

Deuteranomaly
97, 3.752, 306.637

Tritanomaly
97, 4.556, 263.537

Monochromacy



Original Color
97, 5.093, 236.430

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.722, 236.227

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 5.093, 236.430 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, 248, 254)` looks like.

```
.text, #text, p{  
    color:rgb(236, 248, 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(236, 248, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 248, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 5.093, 236.430 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, 248, 254) }
```

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

```
.border{ border-color:rgb(236, 248, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 248, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 248, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 248, 254);  
box-shadow:4px 4px 4px 4px rgb(236, 248,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 5.093, 236.430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 248, 254) }
```

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

```
.background{ background-color: rgb(236,  
248, 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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