

Converting Colors

CIELCh(97, 5.436, 240.675)

Have a look what the booklet for
CIELCh(97, 5.436, 240.675) contains.

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Color

CIELCh(97, 5.403, 240.891)

Conversions

Conversions Part 1

Format	Color
Hex	ECF8FF
RGB	236, 248, 255
RGB Percent	93%, 97%, 100%
CMY	0.0733, 0.0263, 0.0000
CMYK	0.07, 0.03, 0.00, 0.00
HSL	201°, 100%, 96%
HSV	201°, 7%, 100%
XYZ	86.4470, 92.4403, 108.1467
YIQ	245.2100, -9.3990, -0.3670

Conversions

Conversions Part 2

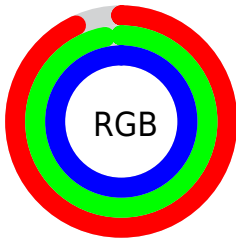
Format	Color
R _Y B	236, 243, 255
Decimal	15530239
CIE Lab	97.00, -2.63, -4.72
CIE LCh	97, 5.403, 240.891
Yxy	92.4403, 0.3012, 0.3221
Android (android.graphics.Color)	4293720319 (0xFFE0CF8F)
YUV	245.2100, 4.8265, -8.0772
Hunter-Lab	96.1459, -7.7618, 0.6116

Details

The CIELCh color `97, 5.403, 240.891` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `97, 5.483, 58.009`, 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, 5.318, 236.587` is the 20% darker color. If you saturate the color by 10%, you get `93, 12.316, 240.684`, and if you desaturate by 10%, it is `100, 0.012, 296.813`.

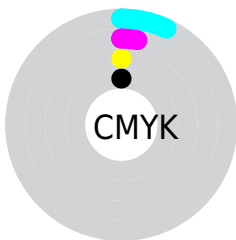
Distribution



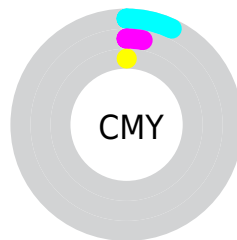
- Red (93%)
- Green (97%)
- Blue (100%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 5.403, 240.891 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, 5.403, 240.891 by changing the saturation by 10% instead.

 97, 5.403, 240.891

 97, 5.403, 240.891

 100, 5.403,
240.891

 87, 5.403, 240.891

 77, 5.403, 240.891

 67, 5.403, 240.891

 57, 5.403, 240.891

 47, 5.403, 240.891

 37, 5.403, 240.891

 27, 5.403, 240.891

 17, 5.403, 240.891

 7, 5.403, 240.891

97, 5.403, 240.891

97, 5.403, 240.891

93, 12.316,
240.684

100, 0.012,
296.813

89, 19.015,
242.111

85, 25.333,
243.893

81, 31.205,
246.105

78, 36.582,
248.833

74, 41.454,
252.159

71, 45.871,
256.137

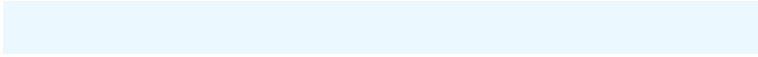
68, 49.955,
260.756

■ 65, 53.908,
265.885

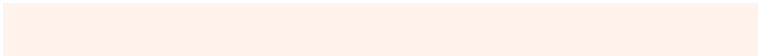
Harmonies

Complementary

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



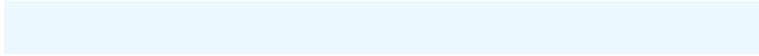
97, 5.403, 240.891



97, 5.483, 58.009

Rectangle

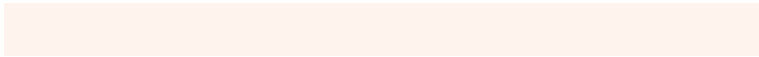
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 5.403, 240.891



97, 5.403, 290.891



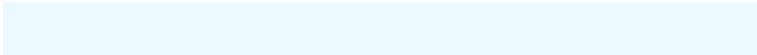
97, 5.403, 60.891



97, 5.403, 110.891

Sweetspot

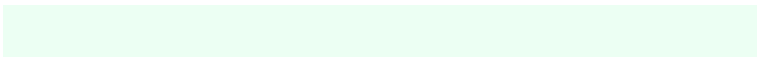
The Sweet Spot groups the original color and five complimentary colors.



97, 5.306, 239.580



99, 1.463, 239.332



98, 9.068, 155.890



53, 0.832, 239.342



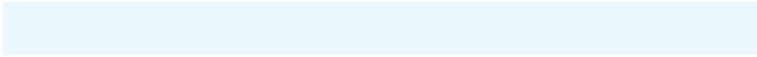
0, 0.000, 0.000



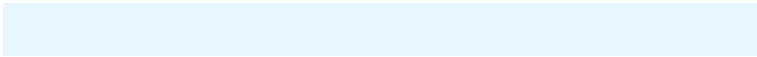
53, 0.007, 296.813

Same Dimension

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



97, 5.306, 239.580



96, 6.492, 239.737



95, 8.219, 284.106



51, 4.098, 239.788



49, 43.765, 266.273



15, 18.620, 259.003

Inverse Universe

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



95, 9.068, 337.219



94, 11.144, 337.352



99, 8.117, 102.428



50, 7.043, 337.392



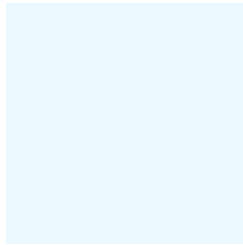
42, 71.818, 349.456



11, 33.869, 346.065

Previews

White Background



This preview shows how the CIELCh color 97, 5.403, 240.891 looks on a white background.

Color Contrast Check

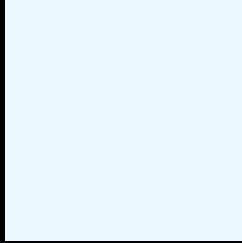
Large Text (above 18pt) WCAG AA × Fail

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, 5.403, 240.891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

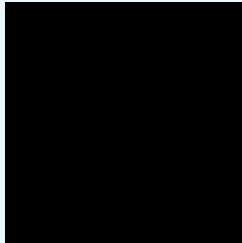
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

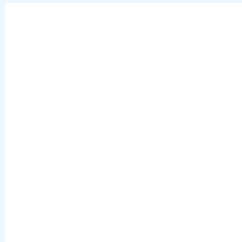
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 5.403, 240.891

Background



This preview shows how black text looks on a background with the CIELCh color 97, 5.403, 240.891.



This preview shows how white text looks on a background with the CIELCh color 97, 5.403, 240.891.

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

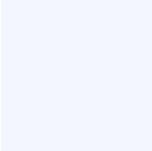
97, 5.403, 240.891

Protanopia

97, 4.246, 304.728

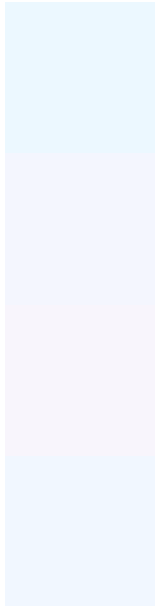
Deuteranopia

97, 5.909, 335.926



Tritanopia
97, 4.708, 277.847

Trichromacy



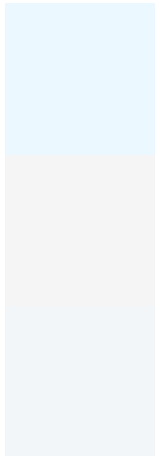
Original Color
97, 5.403, 240.891

Protanomaly
97, 4.146, 280.903

Deuteranomaly
97, 3.752, 306.637

Tritanomaly
97, 4.556, 263.537

Monochromacy



Original Color
97, 5.403, 240.891

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 2.063, 247.867

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 5.403, 240.891 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(236, 248, 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(236, 248, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 248, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 5.403, 240.891 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, 255) }
```

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

```
.border{ border-color:rgb(236, 248, 255) }
```

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, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 248, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 248, 255);  
box-shadow:4px 4px 4px 4px rgb(236, 248,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 5.403, 240.891 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, 255) }
```

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

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