

Converting Colors

CIELCh(100, 44.005, 290.122)

Have a look what the booklet for
CIELCh(100, 44.005, 290.122)
contains.

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Color

CIELCh(97, 4.089, 248.068)

Conversions

Conversions Part 1

Format	Color
Hex	F0F8FE
RGB	240, 248, 254
RGB Percent	94%, 97%, 100%
CMY	0.0605, 0.0292, 0.0057
CMYK	0.06, 0.02, 0.00, 0.01
HSL	206°, 83%, 97%
HSV	206°, 6%, 99%
XYZ	87.0378, 92.4403, 106.6457
YIQ	246.2920, -6.6940, 0.1700

Conversions

Conversions Part 2

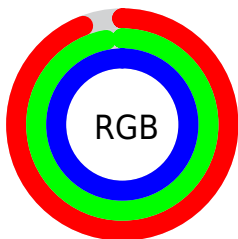
Format	Color
R_{YB}	240, 245, 254
Decimal	15792382
CIE _{Lab}	97.00, -1.53, -3.79
CIE _{LCh}	97, 4.089, 248.068
Yxy	92.4403, 0.3042, 0.3231
Android (android.graphics.Color)	4293982462 (0xFFFF0F8FE)
YUV	246.2920, 3.8000, -5.5181
Hunter-Lab	96.1459, -6.6649, 1.5372

Details

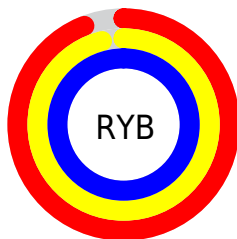
The CIELCh color **97, 4.089, 248.068** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **97, 4.157, 66.551**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 3.906, 242.820** is the 20% darker color. If you saturate the color by 10%, you get **93, 11.364, 249.290**, and if you desaturate by 10%, it is **100, 0.722, 110.017**.

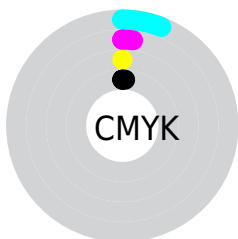
Distribution



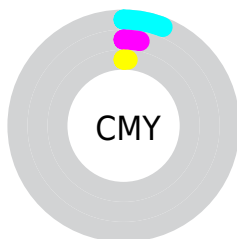
- Red (94%)
- Green (97%)
- Blue (100%)



- Red (94%)
- Yellow (96%)
- Blue (100%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)



- Cyan (6%)
- Magenta (3%)
- Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 4.089, 248.068 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, 4.089, 248.068 by changing the saturation by 10% instead.

 97, 4.089, 248.068

 97, 4.089, 248.068

 100, 4.089,
248.068

 87, 4.089, 248.068

 77, 4.089, 248.068

 67, 4.089, 248.068

 57, 4.089, 248.068

 47, 4.089, 248.068

 37, 4.089, 248.068

 27, 4.089, 248.068

 17, 4.089, 248.068

 7, 4.089, 248.068

97, 4.089, 248.068

97, 4.089, 248.068

93, 11.364,
249.290

100, 0.722,
110.017

88, 18.440,
250.884

84, 25.268,
252.830

79, 31.803,
255.193

75, 38.019,
258.048

71, 43.925,
261.455

68, 49.579,
265.446

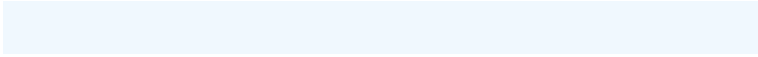
64, 55.098,
269.977

■ 61, 60.648,
274.905

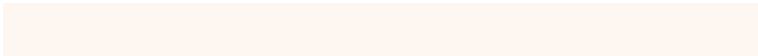
Harmonies

Complementary

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



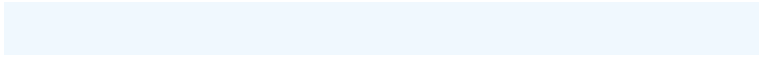
97, 4.089, 248.068



97, 4.157, 66.551

Rectangle

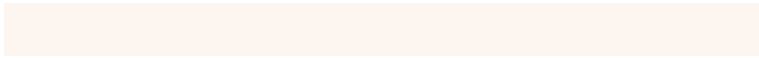
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



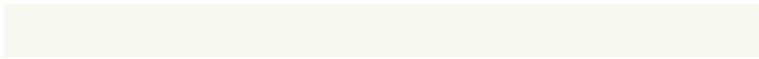
97, 4.089, 248.068



97, 4.089, 298.068



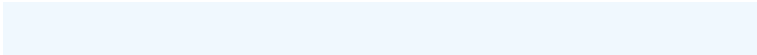
97, 4.089, 68.068



97, 4.089, 118.068

Sweetspot

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



97, 4.088, 248.035



99, 1.499, 247.837



98, 6.456, 159.064



53, 0.853, 247.843



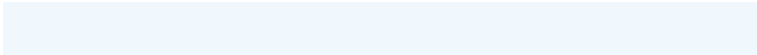
0, 0.000, 0.000



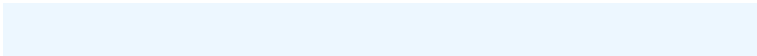
53, 0.007, 296.813

Same Dimension

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



97, 4.088, 248.035



97, 5.203, 248.192



95, 6.594, 287.206



51, 3.378, 248.260



45, 50.373, 276.204



14, 20.882, 269.148

Inverse Universe

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



96, 6.447, 340.336



95, 8.232, 340.469



99, 6.510, 106.012



50, 5.352, 340.522



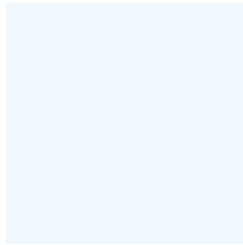
42, 69.557, 355.468



11, 32.723, 351.003

Previews

White Background



This preview shows how the CIELCh color 97, 4.089, 248.068 looks on a white background.

Color Contrast Check

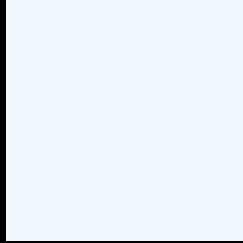
Large Text (above 18pt) WCAG AA × Fail

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, 4.089, 248.068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

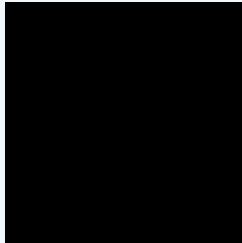
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

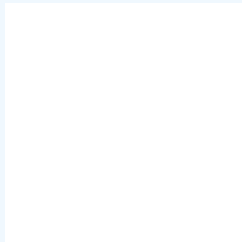
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 4.089, 248.068

Background



This preview shows how black text looks on a background with the CIELCh color 97, 4.089, 248.068.

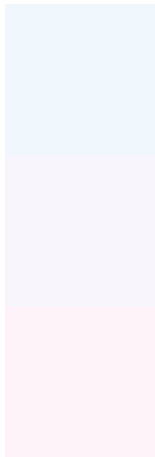


This preview shows how white text looks on a background with the CIELCh color 97, 4.089, 248.068.

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



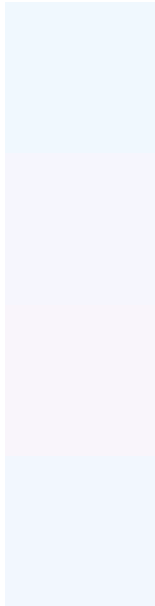
Original Color
97, 4.092, 248.070

Protanopia
97, 3.868, 311.597

Deuteranopia
97, 5.567, 339.698

Tritanopia
97, 4.650, 282.004

Trichromacy



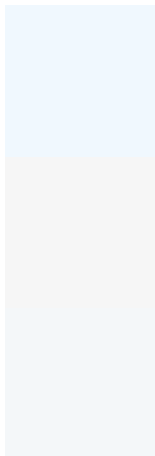
Original Color
97, 4.092, 248.070

Protanomaly
97, 3.588, 290.471

Deuteranomaly
97, 3.397, 314.709

Tritanomaly
97, 3.953, 264.577

Monochromacy



Original Color
97, 4.092, 248.070

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.458, 244.462

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 4.089, 248.068 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(240, 248, 254)` looks like.

```
.text, #text, p{  
    color:rgb(240, 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(240, 248, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 248, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 4.089, 248.068 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(240, 248, 254) }
```

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

```
.border{ border-color:rgb(240, 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(240, 248, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 248, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 248, 254);  
box-shadow:4px 4px 4px 4px rgb(240, 248,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 4.089, 248.068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 248, 254) }
```

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

```
.background{ background-color: rgb(240,  
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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