

Converting Colors

CIELCh(97, 8.083, 354.722)

Have a look what the booklet for
CIELCh(97, 8.083, 354.722) contains.

CIELCh(96, 6.134, 344.027)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(96, 6.134, 344.027)

Conversions

Conversions Part 1	
Format	Color
Hex	FEF0F7
RGB	254, 240, 247
RGB Percent	100%, 94%, 97%
CMY	0.0044, 0.0592, 0.0318
CMYK	0.00, 0.06, 0.03, 0.00
HSL	330°, 86%, 97%
HSV	330°, 6%, 100%
XYZ	88.7233, 90.0078, 100.5957
YIQ	244.9840, 6.0970, 5.1450

Conversions

Conversions Part 2

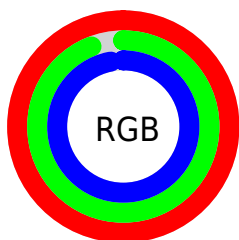
Format	Color
RYB	254, 240, 247
Decimal	16707831
CIELab	96.00, 5.90, -1.69
CIELCh	96, 6.134, 344.027
Yxy	90.0078, 0.3176, 0.3222
Android (android.graphics.Color)	4294897911 (0xFFFEF0F7)
YUV	244.9840, 0.9939, 7.9070
Hunter-Lab	94.8724, 0.9038, 3.5440

Details

The CIELCh color **96, 6.134, 344.027** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **98, 6.076, 163.280**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 6.146, 342.095** is the 20% darker color. If you saturate the color by 10%, you get **90, 17.465, 344.980**, and if you desaturate by 10%, it is **100, 0.391, 201.077**.

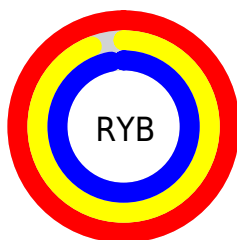
Distribution



Red (100%)

Green (94%)

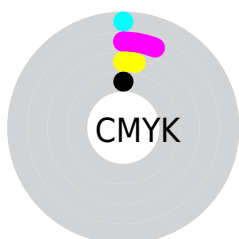
Blue (97%)



Red (100%)

Yellow (94%)

Blue (97%)

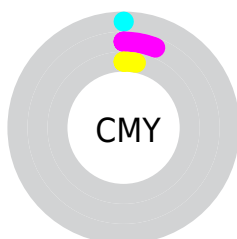


Cyan (0%)

Magenta (6%)

Yellow (3%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 6.134, 344.027 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 96, 6.134, 344.027 by changing the saturation by 10% instead.

 96, 6.134, 344.027

 96, 6.134, 344.027

 100, 6.134,
344.027

 86, 6.134, 344.027

 76, 6.134, 344.027

 66, 6.134, 344.027

 56, 6.134, 344.027

 46, 6.134, 344.027

 36, 6.134, 344.027


 26, 6.134, 344.027

 16, 6.134, 344.027


 6, 6.134, 344.027


 96, 6.134, 344.027


 96, 6.134, 344.027


 90, 17.465,
344.980


100, 0.391,
201.077


 83, 28.967,
345.990


 77, 40.426,
347.129

 72, 51.515,
348.443

 67, 61.774,
350.000

 62, 70.629,
351.894

 59, 77.486,
354.257

 56, 81.917,
357.249

Harmonies

Complementary

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



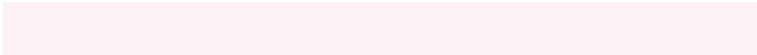
96, 6.134, 344.027



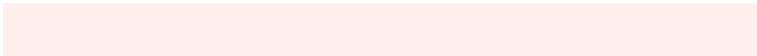
98, 6.076, 163.280

Rectangle

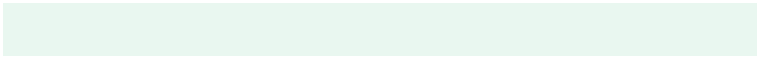
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



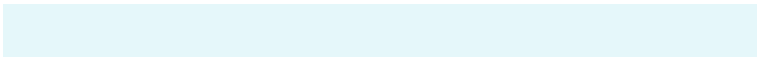
96, 6.134, 344.027



96, 6.134, 34.027



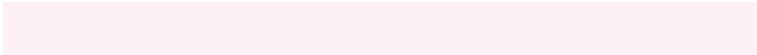
96, 6.134, 164.027



96, 6.134, 214.027

Sweetspot

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



96, 6.131, 344.035



99, 2.228, 343.603



96, 7.615, 309.294



53, 1.267, 343.583



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

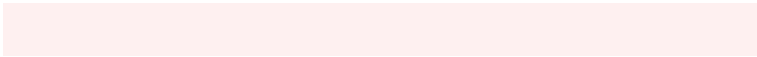
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 6.131, 344.035



95, 7.834, 344.180



96, 4.992, 19.613



50, 5.094, 344.237



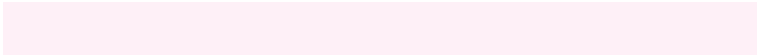
41, 68.246, 2.125



10, 31.868, 356.523

Inverse Universe

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



96, 6.131, 344.035



95, 7.834, 344.180



99, 4.821, 199.236



50, 5.094, 344.237



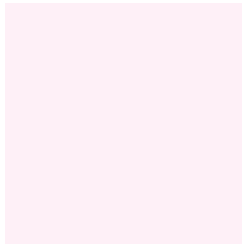
41, 68.246, 2.125



10, 31.868, 356.523

Previews

White Background



This preview shows how the CIELCh color 96, 6.134, 344.027 looks on a white background.

Color Contrast Check

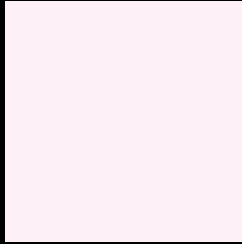
Large Text (above 18pt) WCAG AA × Fail

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 96, 6.134, 344.027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

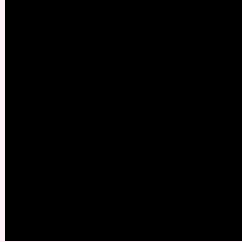
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 6.134, 344.027

Background



This preview shows how black text looks on a background with the CIELCh color 96, 6.134, 344.027.

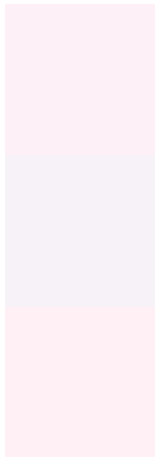


This preview shows how white text looks on a background with the CIELCh color 96, 6.134, 344.027.

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


96, 6.138, 344.029

Protanopia

96, 3.405, 314.710

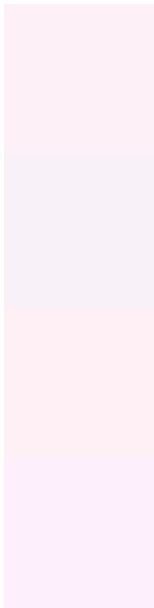
Deuteranopia

96, 6.160, 349.859



Tritanopia
96, 9.783, 323.048

Trichromacy

	Original Color 96, 6.138, 344.029
	Protanomaly 96, 4.590, 328.159
	Deuteranomaly 96, 6.160, 349.859
	Tritanomaly 96, 8.535, 328.616

Monochromacy

	Original Color 96, 6.138, 344.029
	Achromatopsia 97, 0.011, 296.813
	Achromatomaly 96, 2.357, 338.598

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 6.134, 344.027 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(254, 240, 247)` looks like.

```
.text, #text, p{  
    color:rgb(254, 240, 247)  
}
```

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(254, 240, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 240, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 6.134, 344.027 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(254, 240, 247) }
```

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

```
.border{ border-color:rgb(254, 240, 247) }
```

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

Here you see how a box with a 4 pixel rgb(254, 240, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 240, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 240, 247);  
box-shadow:4px 4px 4px 4px rgb(254, 240,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 6.134, 344.027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 240, 247) }
```

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

```
.background{ background-color: rgb(254,  
240, 247) }
```

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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