

Converting Colors

CIELCh(97, 3.367, 0.893)

Have a look what the booklet for
CIELCh(97, 3.367, 0.893) contains.

CIELCh(97, 3.354, 1.720)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(97, 3.354, 1.720)

Conversions

Conversions Part 1

Format	Color
Hex	FDF4F6
RGB	253, 244, 246
RGB Percent	99%, 96%, 96%
CMY	0.0069, 0.0422, 0.0344
CMYK	0.00, 0.04, 0.03, 0.01
HSL	347°, 72%, 98%
HSV	347°, 4%, 99%
XYZ	89.6885, 92.4403, 100.4958
YIQ	246.9190, 4.7220, 2.5300

Conversions

Conversions Part 2

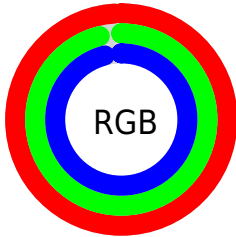
Format	Color
RYB	253, 244, 246
Decimal	16643318
CIELab	97.00, 3.35, 0.10
CIELCh	97, 3.354, 1.720
Yxy	92.4403, 0.3173, 0.3271
Android (android.graphics.Color)	4294833398 (0xFFFD4F6)
YUV	246.9190, -0.4531, 5.3330
Hunter-Lab	96.1459, -1.7438, 5.3296

Details

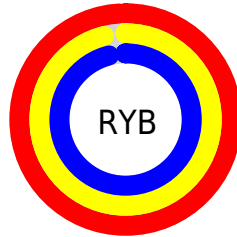
The CIELCh color **97, 3.354, 1.720** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **99, 3.300, 181.461**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 3.170, 359.738** is the 20% darker color. If you saturate the color by 10%, you get **90, 13.105, 2.892**, and if you desaturate by 10%, it is **100, 0.611, 200.451**.

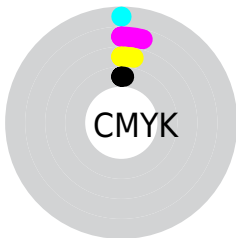
Distribution



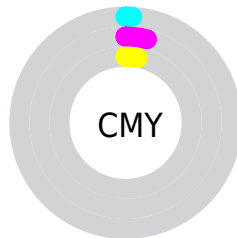
- Red (99%)
- Green (96%)
- Blue (96%)



- Red (99%)
- Yellow (96%)
- Blue (96%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (1%)



- Cyan (1%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 3.354, 1.720 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, 3.354, 1.720 by changing the saturation by 10% instead.

 97, 3.354, 1.720

 97, 3.354, 1.720

 100, 3.354, 1.720

 87, 3.354, 1.720

 77, 3.354, 1.720

 67, 3.354, 1.720

 57, 3.354, 1.720

 47, 3.354, 1.720

 37, 3.354, 1.720

 27, 3.354, 1.720

 17, 3.354, 1.720

 7, 3.354, 1.720

97, 3.354, 1.720

97, 3.354, 1.720

90, 13.105, 2.892

100, 0.611,
200.451

84, 23.316, 4.105

78, 33.880, 5.545

72, 44.602, 7.305

66, 55.175, 9.500

62, 65.184, 12.277

58, 74.194, 15.800

55, 81.903, 20.195

54, 88.320, 25.413

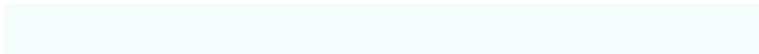
Harmonies

Complementary

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



97, 3.354, 1.720



99, 3.300, 181.461

Rectangle

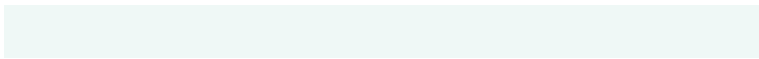
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



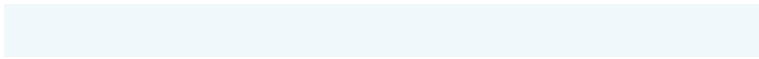
97, 3.354, 1.720



97, 3.354, 51.720



97, 3.354, 181.720



97, 3.354, 231.720

Sweetspot

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



97, 3.352, 1.747



99, 0.946, 1.053



97, 5.228, 317.913



53, 0.538, 1.015



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, 3.352, 1.747



97, 3.798, 1.809



98, 2.624, 47.027



51, 2.704, 1.906



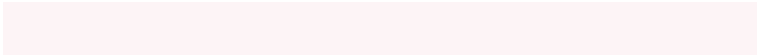
40, 73.894, 27.915



10, 31.857, 17.594

Inverse Universe

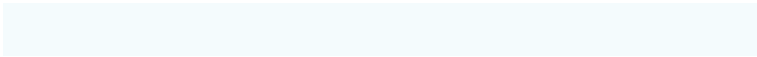
The Inverse Universe completely reimagines the original color for something new.



97, 3.352, 1.747



97, 3.798, 1.809



98, 2.579, 227.885



51, 2.704, 1.906



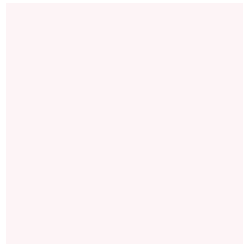
40, 73.894, 27.915



10, 31.857, 17.594

Previews

White Background



This preview shows how the CIELCh color 97, 3.354, 1.720 looks on a white background.

Color Contrast Check

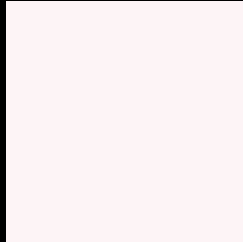
Large Text (above 18pt) WCAG AA × Fail

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, 3.354, 1.720 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

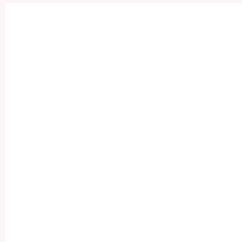
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 3.354, 1.720

Background



This preview shows how black text looks on a background with the CIELCh color 97, 3.354, 1.720.



This preview shows how white text looks on a background with the CIELCh color 97, 3.354, 1.720.

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, 3.354, 1.720

Protanopia

97, 2.052, 349.337

Deuteranopia

97, 4.195, 358.142



Tritanopia
97, 6.317, 316.737

Trichromacy



Original Color

97, 3.354, 1.720

Protanomaly

97, 2.363, 353.677

Deuteranomaly

97, 3.867, 356.178

Tritanomaly

97, 4.992, 324.556

Monochromacy



Original Color

97, 3.354, 1.720

Achromatopsia

97, 0.011, 296.813

Achromatomaly

97, 1.184, 353.338

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 3.354, 1.720 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(253, 244, 246)` looks like.

```
.text, #text, p{  
    color:rgb(253, 244, 246)  
}
```

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(253, 244, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 244, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 3.354, 1.720 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(253, 244, 246) }
```

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

```
.border{ border-color:rgb(253, 244, 246) }
```

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

Here you see how a box with a 4 pixel rgb(253, 244, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 244, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 244, 246);  
box-shadow:4px 4px 4px 4px rgb(253, 244,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 3.354, 1.720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 244, 246) }
```

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

```
.background{ background-color: rgb(253,  
244, 246) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor