

Converting Colors

CIE LCh(97, 2.164, 344.549)

Have a look what the booklet for
CIELCh(97, 2.164, 344.549) contains.

CIELCh(97, 2.052, 349.337)	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(97, 2.052, 349.337)

Conversions

Conversions Part 1

Format	Color
Hex	FAF5F7
RGB	250, 245, 247
RGB Percent	98%, 96%, 97%
CMY	0.0192, 0.0388, 0.0309
CMYK	0.00, 0.02, 0.01, 0.02
HSL	336°, 34%, 97%
HSV	336°, 2%, 98%
XYZ	88.9576, 92.4403, 101.2414
YIQ	246.7230, 2.3380, 1.6820

Conversions

Conversions Part 2

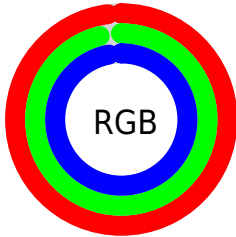
Format	Color
R_{YB}	250, 245, 247
Decimal	16446967
CIE _{Lab}	97.00, 2.02, -0.38
CIE _{LCh}	97, 2.052, 349.337
Y _{xy}	92.4403, 0.3147, 0.3271
Android (android.graphics.Color)	4294637047 (0xFFFAF5F7)
Y _{UV}	246.7230, 0.1366, 2.8739
Hunter-Lab	96.1459, -3.1008, 4.8699

Details

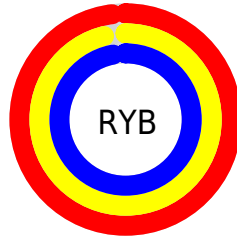
The CIELCh color `97, 2.052, 349.337` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `98, 2.028, 169.527`, and the grayscale version is `97, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `77, 2.152, 349.439` is the 20% darker color. If you saturate the color by 10%, you get `91, 12.485, 350.521`, and if you desaturate by 10%, it is `100, 1.695, 199.689`.

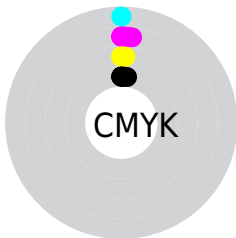
Distribution



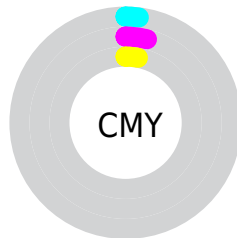
- Red (98%)
- Green (96%)
- Blue (97%)



- Red (98%)
- Yellow (96%)
- Blue (97%)



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



- Cyan (2%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 2.052, 349.337 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, 2.052, 349.337 by changing the saturation by 10% instead.

 97, 2.052, 349.337	 97, 2.052, 349.337
 100, 2.052, 349.337	 87, 2.052, 349.337
	 77, 2.052, 349.337
	 67, 2.052, 349.337
	 57, 2.052, 349.337
	 47, 2.052, 349.337
	 37, 2.052, 349.337
	 27, 2.052, 349.337
	 17, 2.052, 349.337
	 7, 2.052, 349.337

97, 2.052, 349.337

97, 2.052, 349.337

91, 12.485,
350.521

100, 1.695,
199.689

84, 23.208,
351.607

78, 34.071,
352.845

72, 44.826,
354.298

67, 55.104,
356.045

62, 64.414,
358.200

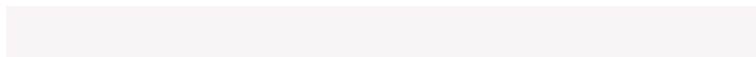
59, 72.206, 0.913

56, 78.035, 4.366

Harmonies

Complementary

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



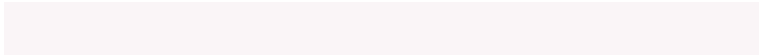
97, 2.052, 349.337



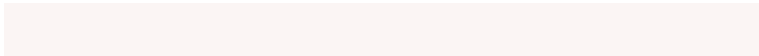
98, 2.028, 169.527

Rectangle

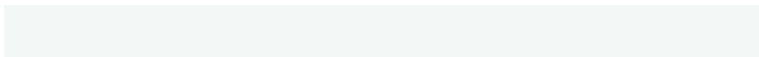
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 2.052, 349.337



97, 2.052, 39.337



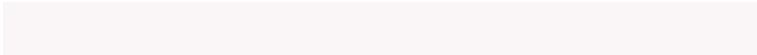
97, 2.052, 169.337



97, 2.052, 219.337

Sweetspot

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



97, 2.050, 349.367



99, 1.044, 349.026



97, 2.784, 312.502



53, 0.594, 348.995



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, 2.050, 349.367



99, 2.084, 349.368



97, 1.604, 28.243



52, 1.165, 349.345



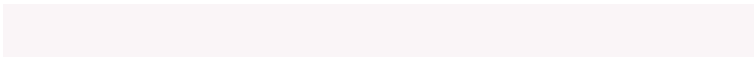
40, 67.646, 11.803



10, 30.485, 4.451

Inverse Universe

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



97, 2.050, 349.367



99, 2.084, 349.368



98, 1.585, 208.979



52, 1.165, 349.345



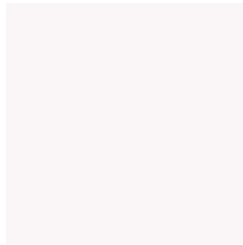
40, 67.646, 11.803



10, 30.485, 4.451

Previews

White Background



This preview shows how the CIE LCh color 97, 2.052, 349.337 looks on a white background.

Color Contrast Check

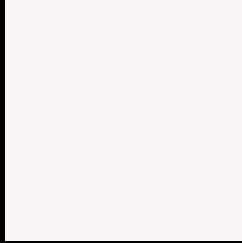
Large Text (above 18pt) WCAG AA × Fail

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, 2.052, 349.337 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, 2.052, 349.337

Background



This preview shows how black text looks on a background with the CIELCh color 97, 2.052, 349.337.

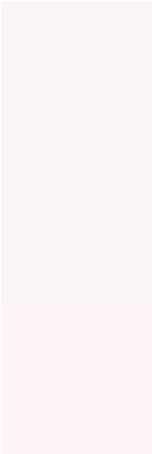


This preview shows how white text looks on a background with the CIELCh color 97, 2.052, 349.337.

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, 2.052, 349.337

Protanopia
97, 2.052, 349.337

Deuteranopia
97, 4.195, 358.142



Tritanopia
97, 6.036, 310.798

Trichromacy



Original Color

97, 2.052, 349.337

Protanomaly

97, 2.052, 349.337

Deuteranomaly

97, 3.545, 353.863

Tritanomaly

97, 4.630, 317.380

Monochromacy



Original Color

97, 2.052, 349.337

Achromatopsia

97, 0.011, 296.813

Achromatomaly

97, 0.882, 343.176

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 2.052, 349.337 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(250, 245, 247)` looks like.

```
.text, #text, p{  
    color:rgb(250, 245, 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(250, 245, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 245, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 2.052, 349.337 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(250, 245, 247) }
```

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

```
.border{ border-color:rgb(250, 245, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 245, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 245, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 245, 247);  
box-shadow:4px 4px 4px 4px rgb(250, 245,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 2.052, 349.337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 245, 247) }
```

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

```
.background{ background-color: rgb(250,  
245, 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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