

Converting Colors

CIELCh(97, 3.209, 47.718)

Have a look what the booklet for
CIELCh(97, 3.209, 47.718) contains.

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Color

CIELCh(97, 3.214, 47.762)

Conversions

Conversions Part 1

Format	Color
Hex	FDF5F2
RGB	253, 245, 242
RGB Percent	99%, 96%, 95%
CMY	0.0086, 0.0399, 0.0517
CMYK	0.00, 0.03, 0.04, 0.01
HSL	16°, 72%, 97%
HSV	16°, 4%, 99%
XYZ	89.0361, 92.4403, 97.0087
YIQ	247.0500, 5.7310, 0.7630

Conversions

Conversions Part 2

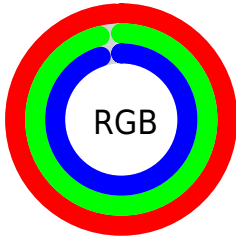
Format	Color
R _Y B	253, 246, 242
Decimal	16643570
CIE Lab	97.00, 2.16, 2.38
CIE LCh	97, 3.214, 47.762
Yxy	92.4403, 0.3197, 0.3319
Android (android.graphics.Color)	4294833650 (0xFFFD5F2)
YUV	247.0500, -2.4896, 5.2182
Hunter-Lab	96.1459, -2.9550, 7.4800

Details

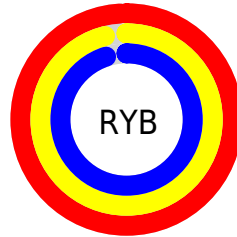
The CIELCh color $97, 3.214, 47.762$ is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be $98, 3.143, 228.692$, and the grayscale version is $97, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $77, 3.057, 51.062$ is the 20% darker color. If you saturate the color by 10%, you get $92, 11.028, 47.438$, and if you desaturate by 10%, it is $100, 0.759, 200.230$.

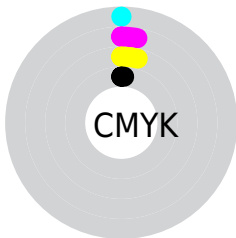
Distribution



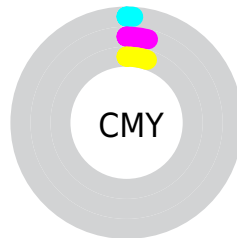
- Red (99%)
- Green (96%)
- Blue (95%)



- Red (99%)
- Yellow (96%)
- Blue (95%)



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



- Cyan (1%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 3.214, 47.762 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, 3.214, 47.762 by changing the saturation by 10% instead.

 97, 3.214, 47.762	 97, 3.214, 47.762
 100, 3.214, 47.762	 87, 3.214, 47.762
	 77, 3.214, 47.762
	 67, 3.214, 47.762
	 57, 3.214, 47.762
	 47, 3.214, 47.762
	 37, 3.214, 47.762
	 27, 3.214, 47.762
	 17, 3.214, 47.762
	 7, 3.214, 47.762

97, 3.214, 47.762

97, 3.214, 47.762

92, 11.028, 47.438

100, 0.759,
200.230

87, 19.477, 47.033

82, 28.613, 46.717

77, 38.467, 46.527

73, 49.025, 46.485

69, 60.179, 46.588

65, 71.638, 46.773

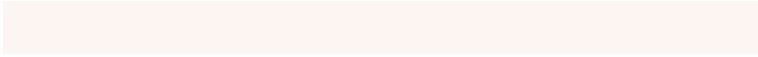
61, 82.707, 46.827

59, 91.928, 46.245

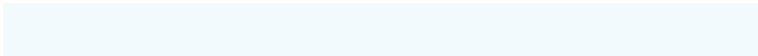
Harmonies

Complementary

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



97, 3.214, 47.762



98, 3.143, 228.692

Rectangle

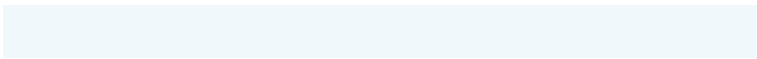
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 3.214, 47.762



97, 3.214, 97.762



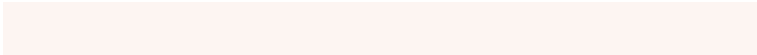
97, 3.214, 227.762



97, 3.214, 277.762

Sweetspot

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



97, 3.214, 47.810



99, 0.731, 47.336



96, 5.691, 333.191



53, 0.416, 47.294



0, 0.000, 0.000



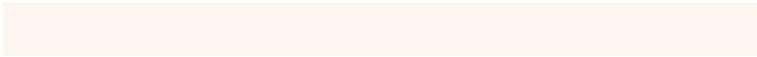
53, 0.007, 296.813

Same Dimension

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



97, 3.214, 47.810



97, 3.729, 47.801



98, 4.367, 97.774



52, 2.551, 47.784



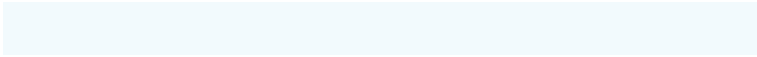
44, 77.302, 46.126



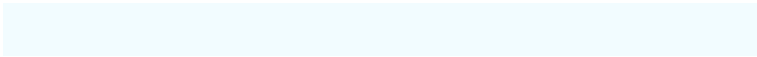
13, 28.921, 41.853

Inverse Universe

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



98, 3.143, 228.692



98, 3.632, 228.709



96, 4.402, 278.892



52, 2.474, 228.733



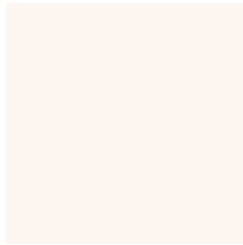
54, 37.948, 251.068



17, 16.790, 244.340

Previews

White Background



This preview shows how the CIE LCh color 97, 3.214, 47.762 looks on a white background.

Color Contrast Check

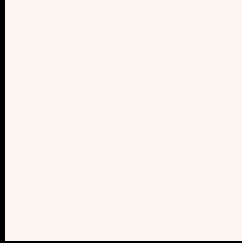
Large Text (above 18pt) WCAG AA × Fail

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, 3.214, 47.762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

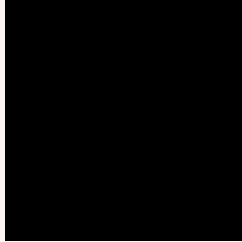
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

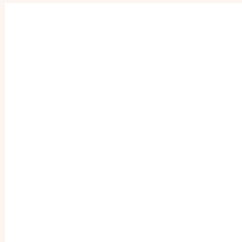
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 3.214, 47.762

Background



This preview shows how black text looks on a background with the CIELCh color 97, 3.214, 47.762.



This preview shows how white text looks on a background with the CIELCh color 97, 3.214, 47.762.

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, 3.214, 47.762

Protanopia

97, 2.903, 51.088

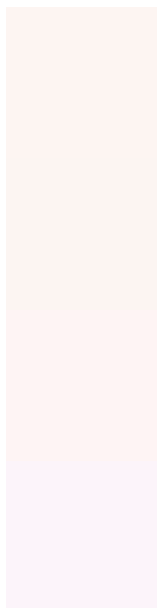
Deuteranopia

97, 3.938, 12.069



Tritanopia
97, 6.317, 316.737

Trichromacy



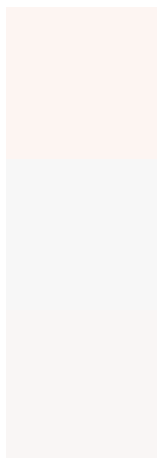
Original Color
97, 3.214, 47.762

Protanomaly
97, 2.903, 51.088

Deuteranomaly
97, 3.548, 19.459

Tritanomaly
97, 4.189, 332.454

Monochromacy



Original Color
97, 3.214, 47.762

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.166, 44.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 3.214, 47.762 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, 245, 242)` looks like.

```
.text, #text, p{  
    color:rgb(253, 245, 242)  
}
```

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, 245, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 245, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 3.214, 47.762 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, 245, 242) }
```

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

```
.border{ border-color:rgb(253, 245, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 245, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 245, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 245, 242);  
box-shadow:4px 4px 4px 4px rgb(253, 245,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 3.214, 47.762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 245, 242) }
```

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

```
.background{ background-color: rgb(253,  
245, 242) }
```

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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