

Converting Colors

CIELCh(97, 4.678, 76.247)

Have a look what the booklet for
CIELCh(97, 4.678, 76.247) contains.

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Color

CIELCh(97, 4.552, 70.924)

Conversions

Conversions Part 1

Format	Color
Hex	FDF5EE
RGB	253, 245, 238
RGB Percent	99%, 96%, 93%
CMY	0.0075, 0.0388, 0.0663
CMYK	0.00, 0.03, 0.06, 0.01
HSL	28°, 80%, 96%
HSV	28°, 6%, 99%
XYZ	88.6693, 92.4403, 94.1304
YIQ	246.5940, 7.0150, -0.4810

Conversions

Conversions Part 2

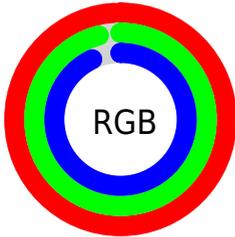
Format	Color
R _Y B	253, 251, 238
Decimal	16643566
CIE Lab	97.00, 1.49, 4.30
CIE LCh	97, 4.552, 70.924
Yxy	92.4403, 0.3222, 0.3359
Android (android.graphics.Color)	4294833646 (0xFFFD5EE)
YUV	246.5940, -4.2368, 5.6181
Hunter-Lab	96.1459, -3.6360, 9.2550

Details

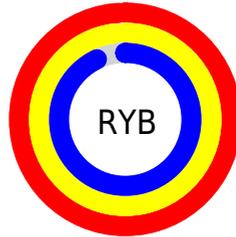
The CIELCh color **97, 4.552, 70.924** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **97, 4.486, 252.590**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 4.564, 74.479** is the 20% darker color. If you saturate the color by 10%, you get **93, 12.567, 69.833**, and if you desaturate by 10%, it is **100, 0.662, 200.364**.

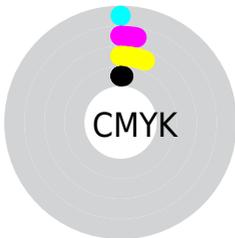
Distribution



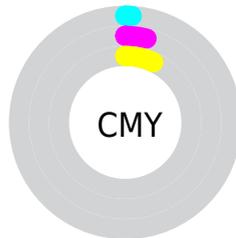
- Red (99%)
- Green (96%)
- Blue (93%)



- Red (99%)
- Yellow (98%)
- Blue (93%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (1%)



- Cyan (1%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 4.552, 70.924 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, 4.552, 70.924 by changing the saturation by 10% instead.

 97, 4.552, 70.924	 97, 4.552, 70.924
 100, 4.552, 70.924	 87, 4.552, 70.924
	 77, 4.552, 70.924
	 67, 4.552, 70.924
	 57, 4.552, 70.924
	 47, 4.552, 70.924
	 37, 4.552, 70.924
	 27, 4.552, 70.924
	 17, 4.552, 70.924
	 7, 4.552, 70.924

97, 4.552, 70.924

97, 4.552, 70.924

93, 12.567, 69.833

100, 0.662,
200.364

89, 21.013, 68.650

86, 29.917, 67.459

82, 39.278, 66.270

78, 49.038, 65.076

75, 59.025, 63.842

72, 68.840, 62.472

69, 77.684, 60.752

66, 84.293, 58.299

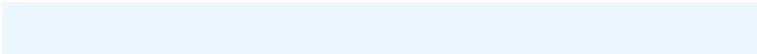
Harmonies

Complementary

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



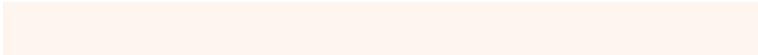
97, 4.552, 70.924



97, 4.486, 252.590

Rectangle

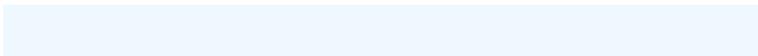
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 4.552, 70.924



97, 4.552, 120.924



97, 4.552, 250.924



97, 4.552, 300.924

Sweetspot

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



97, 4.553, 70.958



99, 1.525, 71.214



95, 6.737, 342.306



53, 0.867, 71.210



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, 4.553, 70.958



97, 5.426, 70.847



99, 7.353, 108.220



52, 3.532, 70.782



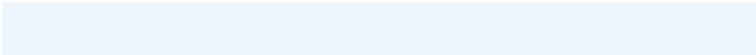
50, 69.707, 57.854



15, 27.074, 58.557

Inverse Universe

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



97, 4.486, 252.590



97, 5.326, 252.715



95, 7.462, 289.444



51, 3.459, 252.789



43, 54.533, 280.753



13, 22.361, 273.948

Previews

White Background



This preview shows how the CIELCh color 97, 4.552, 70.924 looks on a white background.

Color Contrast Check

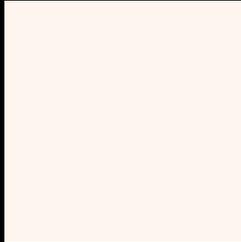
Large Text (above 18pt) WCAG AA × Fail

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, 4.552, 70.924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

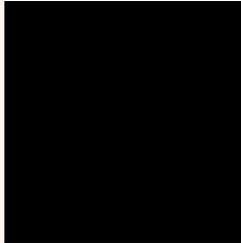
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 4.552, 70.924

Background



This preview shows how black text looks on a background with the CIELCh color 97, 4.552, 70.924.

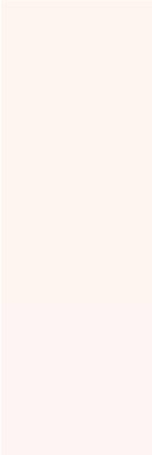


This preview shows how white text looks on a background with the CIELCh color 97, 4.552, 70.924.

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, 4.552, 70.924

Protanopia

97, 4.552, 70.924

Deuteranopia

97, 3.905, 19.499



Tritanopia
97, 6.317, 316.737

Trichromacy



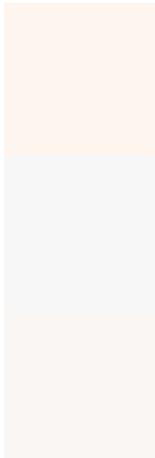
Original Color
97, 4.552, 70.924

Protanomaly
97, 4.552, 70.924

Deuteranomaly
97, 3.691, 35.483

Tritanomaly
97, 3.828, 337.605

Monochromacy



Original Color
97, 4.552, 70.924

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.456, 63.332

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 4.552, 70.924 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, 238)` looks like.

```
.text, #text, p{  
    color:rgb(253, 245, 238)  
}
```

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, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 245, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 4.552, 70.924 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, 238) }
```

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

```
.border{ border-color:rgb(253, 245, 238) }
```

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, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 245, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 245, 238);  
box-shadow:4px 4px 4px 4px rgb(253, 245,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 4.552, 70.924 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, 238) }
```

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

```
.background{ background-color: rgb(253,  
245, 238) }
```

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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