

Converting Colors

CIELCh(97, 5.122, 91.779)

Have a look what the booklet for
CIELCh(97, 5.122, 91.779) contains.

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Color

CIELCh(97, 5.277, 94.024)

Conversions

Conversions Part 1

Format	Color
Hex	FAF6EC
RGB	250, 246, 236
RGB Percent	98%, 96%, 93%
CMY	0.0189, 0.0346, 0.0738
CMYK	0.00, 0.02, 0.06, 0.02
HSL	43°, 59%, 95%
HSV	43°, 6%, 98%
XYZ	87.6615, 92.4403, 92.7118
YIQ	246.0560, 5.5940, -2.2620

Conversions

Conversions Part 2

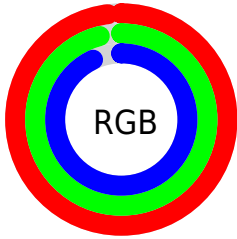
Format	Color
R _Y B	242, 250, 236
Decimal	16447212
CIE Lab	97.00, -0.37, 5.26
CIE LCh	97, 5.277, 94.024
Yxy	92.4403, 0.3213, 0.3388
Android (android.graphics.Color)	4294637292 (0xFFFAF6EC)
YUV	246.0560, -4.9576, 3.4589
Hunter-Lab	96.1459, -5.5070, 10.1298

Details

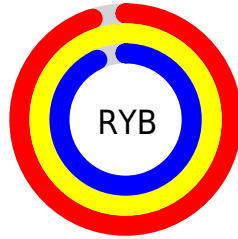
The CIELCh color **97, 5.277, 94.024** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 5.306, 275.513**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 5.544, 93.849** is the 20% darker color. If you saturate the color by 10%, you get **95, 14.849, 92.834**, and if you desaturate by 10%, it is **99, 1.382, 238.123**.

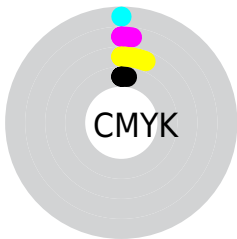
Distribution



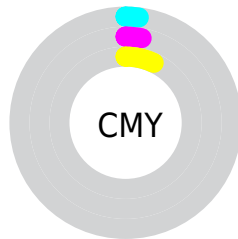
- Red (98%)
- Green (96%)
- Blue (93%)



- Red (95%)
- Yellow (98%)
- Blue (93%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (2%)



- Cyan (2%)
- Magenta (3%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 5.277, 94.024 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, 5.277, 94.024 by changing the saturation by 10% instead.

 97, 5.277, 94.024	 97, 5.277, 94.024
 100, 5.277, 94.024	 87, 5.277, 94.024
	 77, 5.277, 94.024
	 67, 5.277, 94.024
	 57, 5.277, 94.024
	 47, 5.277, 94.024
	 37, 5.277, 94.024
	 27, 5.277, 94.024
	 17, 5.277, 94.024
	 7, 5.277, 94.024

97, 5.277, 94.024

97, 5.277, 94.024

95, 14.849, 92.834

99, 1.382, 238.123

92, 24.556, 91.555

100, 1.674,
199.695

90, 34.358, 90.233

88, 44.164, 88.874

86, 53.802, 87.474

84, 62.952, 86.017

82, 71.073, 84.462

80, 77.350, 82.720

78, 80.904, 80.651

Harmonies

Complementary

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



97, 5.277, 94.024



95, 5.306, 275.513

Rectangle

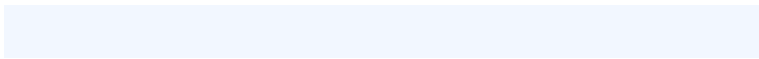
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 5.277, 94.024



97, 5.277, 144.024



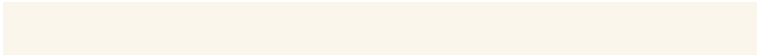
97, 5.277, 274.024



97, 5.277, 324.024

Sweetspot

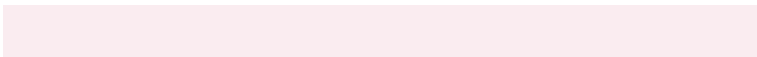
The Sweet Spot groups the original color and five complimentary colors.



97, 5.279, 94.048



100, 1.903, 94.399



95, 5.448, 356.381



53, 1.082, 94.404



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

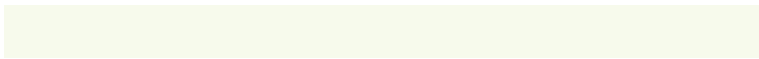
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 5.279, 94.048



98, 6.716, 93.885



98, 7.195, 117.616



51, 4.295, 93.815



60, 66.231, 80.109



19, 27.675, 82.819

Inverse Universe

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



95, 5.306, 275.513



96, 6.748, 275.689



94, 7.298, 298.383



50, 4.315, 275.764



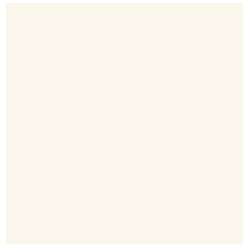
30, 83.966, 299.107



7, 32.759, 293.772

Previews

White Background



This preview shows how the CIELCh color 97, 5.277, 94.024 looks on a white background.

Color Contrast Check

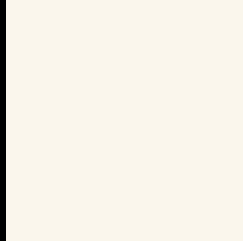
Large Text (above 18pt) WCAG AA × Fail

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, 5.277, 94.024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

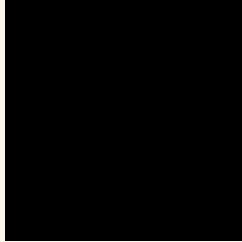
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 5.277, 94.024

Background



This preview shows how black text looks on a background with the CIELCh color 97, 5.277, 94.024.

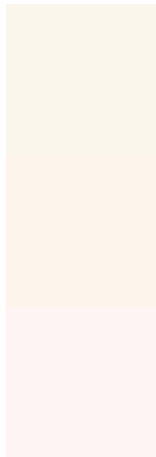


This preview shows how white text looks on a background with the CIELCh color 97, 5.277, 94.024.

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, 5.277, 94.024

Protanopia

97, 5.390, 77.620

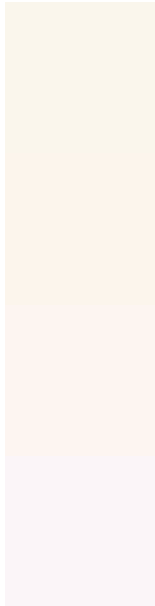
Deuteranopia

97, 3.905, 19.499



Tritanopia
97, 6.168, 313.832

Trichromacy



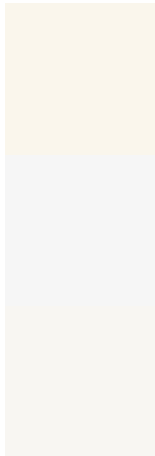
Original Color
97, 5.277, 94.024

Protanomaly
97, 5.209, 80.994

Deuteranomaly
97, 3.485, 55.152

Tritanomaly
97, 2.629, 343.664

Monochromacy



Original Color
97, 5.277, 94.024

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 2.144, 90.695

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 5.277, 94.024 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, 246, 236)` looks like.

```
.text, #text, p{  
    color:rgb(250, 246, 236)  
}
```

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, 246, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 246, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 5.277, 94.024 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, 246, 236) }
```

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

```
.border{ border-color:rgb(250, 246, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 246, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 246, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 246, 236);  
box-shadow:4px 4px 4px 4px rgb(250, 246,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 5.277, 94.024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 246, 236) }
```

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

```
.background{ background-color: rgb(250,  
246, 236) }
```

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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