

Converting Colors

CIELCh(100, 19.450, 28.940)

Have a look what the booklet for
CIELCh(100, 19.450, 28.940)
contains.

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Color

CIELCh(97, 5.264, 55.024)

Conversions

Conversions Part 1

Format	Color
Hex	FFF4EE
RGB	255, 244, 238
RGB Percent	100%, 96%, 93%
CMY	0.0000, 0.0426, 0.0662
CMYK	0.00, 0.04, 0.07, 0.00
HSL	21°, 100%, 97%
HSV	21°, 7%, 100%
XYZ	89.5048, 92.4403, 94.1137
YIQ	246.6050, 8.4820, 0.4660

Conversions

Conversions Part 2

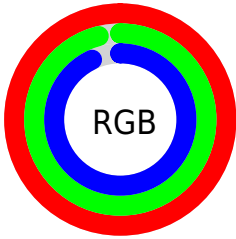
Format	Color
R _Y B	255, 247, 238
Decimal	16774382
CIE Lab	97.00, 3.02, 4.31
CIE LCh	97, 5.264, 55.024
Yxy	92.4403, 0.3242, 0.3349
Android (android.graphics.Color)	4294964462 (0xFFFFF4EE)
YUV	246.6050, -4.2423, 7.3624
Hunter-Lab	96.1459, -2.0847, 9.2653

Details

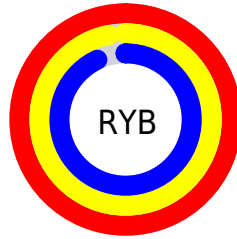
The CIELCh color **97, 5.264, 55.024** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **97, 4.790, 239.284**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 4.942, 60.002** is the 20% darker color. If you saturate the color by 10%, you get **92, 12.829, 57.043**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

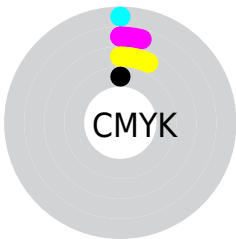
Distribution



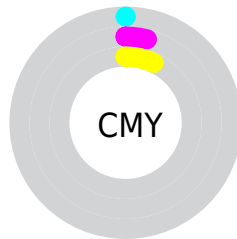
- Red (100%)
- Green (96%)
- Blue (93%)



- Red (100%)
- Yellow (97%)
- Blue (93%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (0%)















- Cyan (0%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 5.264, 55.024 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, 5.264, 55.024 by changing the saturation by 10% instead.

 97, 5.264, 55.024	 97, 5.264, 55.024
 100, 5.264, 55.024	 87, 5.264, 55.024
	 77, 5.264, 55.024
	 67, 5.264, 55.024
	 57, 5.264, 55.024
	 47, 5.264, 55.024
	 37, 5.264, 55.024
	 27, 5.264, 55.024
	 17, 5.264, 55.024
	 7, 5.264, 55.024

97, 5.264, 55.024

97, 5.264, 55.024

92, 12.829, 57.043

100, 0.012,
296.813

88, 21.296, 56.239

83, 30.378, 55.484

79, 40.094, 54.798

75, 50.414, 54.185

71, 61.194, 53.618

68, 72.063, 52.998

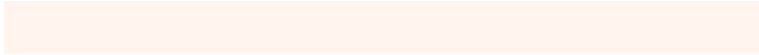
64, 82.192, 52.070

61, 90.091, 50.344

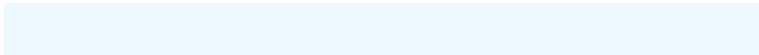
Harmonies

Complementary

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



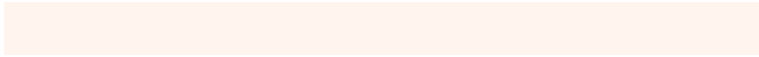
97, 5.264, 55.024



97, 4.790, 239.284

Rectangle

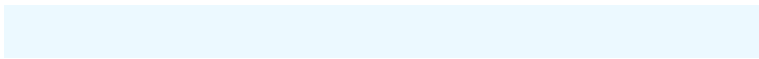
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 5.264, 55.024



97, 5.264, 105.024



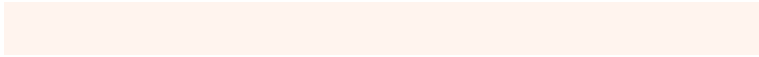
97, 5.264, 235.024



97, 5.264, 285.024

Sweetspot

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



97, 4.932, 57.836



99, 1.464, 57.972



96, 8.221, 336.804



53, 0.832, 57.960



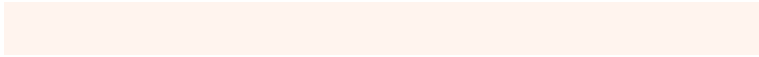
0, 0.000, 0.000



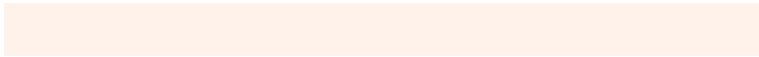
53, 0.007, 296.813

Same Dimension

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



97, 4.932, 57.836



96, 5.993, 57.735



99, 7.318, 102.506



51, 4.282, 57.619



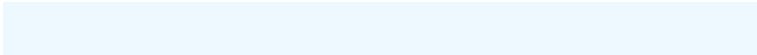
46, 73.908, 50.324



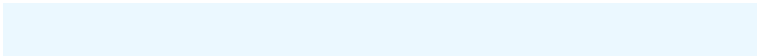
14, 27.879, 48.342

Inverse Universe

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



97, 4.790, 239.284



97, 5.779, 239.407



95, 7.405, 284.021



51, 4.096, 239.553



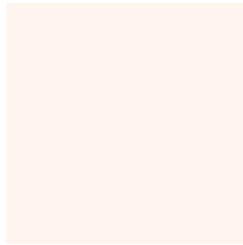
49, 43.611, 265.980



15, 18.569, 258.710

Previews

White Background



This preview shows how the CIELCh color 97, 5.264, 55.024 looks on a white background.

Color Contrast Check

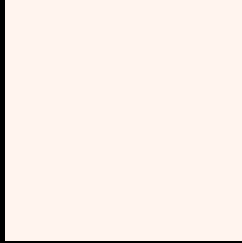
Large Text (above 18pt) WCAG AA × Fail

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, 5.264, 55.024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

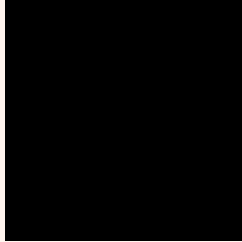
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

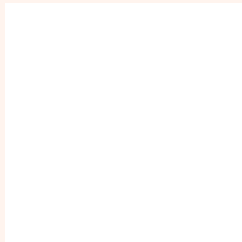
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 5.264, 55.024

Background



This preview shows how black text looks on a background with the CIELCh color 97, 5.264, 55.024.



This preview shows how white text looks on a background with the CIELCh color 97, 5.264, 55.024.

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, 4.969, 57.434

Protanopia

97, 3.928, 70.419

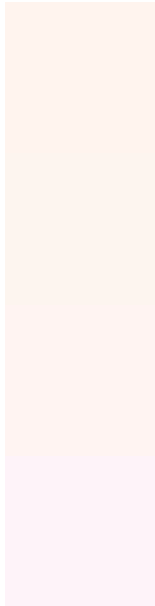
Deuteranopia

97, 3.905, 19.499



Tritanopia
97, 7.283, 322.376

Trichromacy



Original Color

97, 4.969, 57.434

Protanomaly

97, 4.164, 66.584

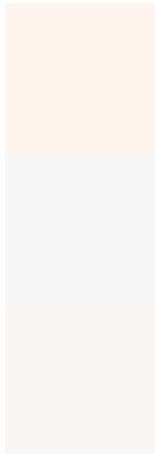
Deuteranomaly

97, 4.038, 34.110

Tritanomaly

97, 4.971, 341.530

Monochromacy



Original Color

97, 4.969, 57.434

Achromatopsia

97, 0.011, 296.813

Achromatomaly

97, 1.729, 55.173

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 5.264, 55.024 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(255, 244, 238)` looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 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(255, 244, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 5.264, 55.024 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(255, 244, 238) }
```

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

```
.border{ border-color:rgb(255, 244, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 244, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 5.264, 55.024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 244, 238) }
```

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

```
.background{ background-color: rgb(255,  
244, 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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