

Converting Colors

CIELCh(97, 12.641, 54.871)

Have a look what the booklet for
CIELCh(97, 12.641, 54.871) contains.

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Color

CIELCh(96, 8.771, 74.019)

Conversions

Conversions Part 1

Format	Color
Hex	FFF1E3
RGB	255, 241, 227
RGB Percent	100%, 95%, 89%
CMY	0.0000, 0.0535, 0.1085
CMYK	0.00, 0.05, 0.11, 0.00
HSL	30°, 100%, 95%
HSV	30°, 11%, 100%
XYZ	86.8399, 90.0078, 85.7174
YIQ	243.5900, 12.8380, -1.3860

Conversions

Conversions Part 2

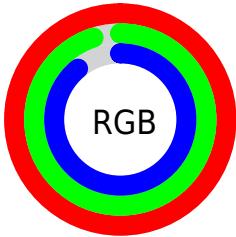
Format	Color
R _Y B	255, 255, 227
Decimal	16773603
CIE Lab	96.00, 2.41, 8.43
CIE LCh	96, 8.771, 74.019
Yxy	90.0078, 0.3307, 0.3428
Android (android.graphics.Color)	4294963683 (0xFFFFF1E3)
YUV	243.5900, -8.1789, 10.0066
Hunter-Lab	94.8724, -2.6397, 12.8421

Details

The CIELCh color $96, 8.771, 74.019$ is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be $95, 8.480, 257.625$, and the grayscale version is $96, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $76, 8.581, 73.782$ is the 20% darker color. If you saturate the color by 10%, you get $92, 17.110, 73.493$, and if you desaturate by 10%, it is $100, 0.655, 75.357$.

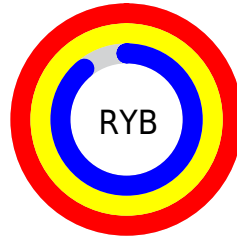
Distribution



Red (100%)

Green (95%)

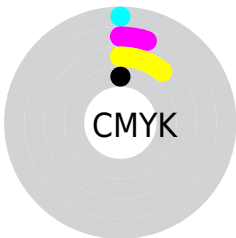
Blue (89%)



Red (100%)

Yellow (100%)

Blue (89%)



Cyan (0%)

Magenta (5%)

Yellow (11%)

Black (0%)



Cyan (0%)

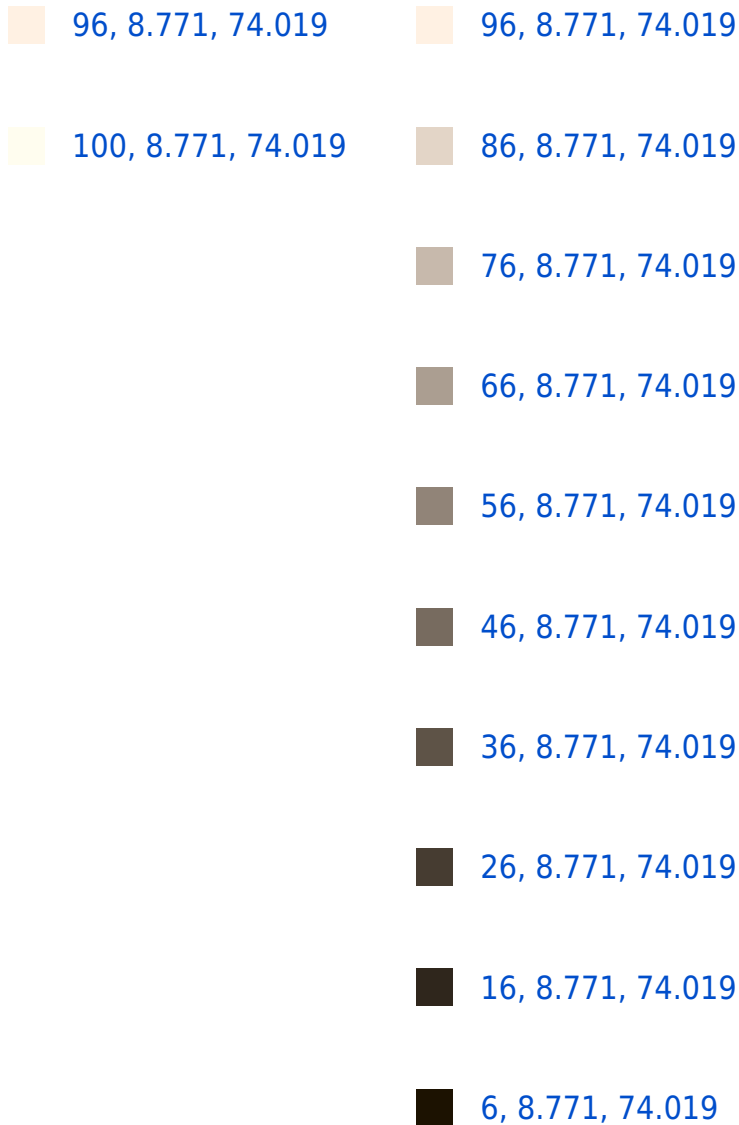
Magenta (5%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 8.771, 74.019 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 96, 8.771, 74.019 by changing the saturation by 10% instead.



96, 8.771, 74.019

96, 8.771, 74.019

92, 17.110, 73.493

100, 0.655, 75.357

89, 25.919, 72.220

100, 0.012,
296.813

85, 35.128, 70.929

82, 44.698, 69.621

79, 54.506, 68.275

75, 64.259, 66.832

72, 73.356, 65.153

70, 80.754, 62.961

67, 85.357, 60.326

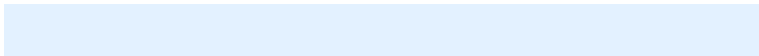
Harmonies

Complementary

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



96, 8.771, 74.019



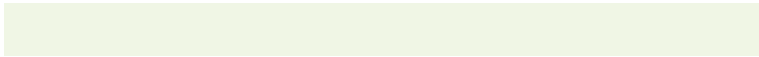
95, 8.480, 257.625

Rectangle

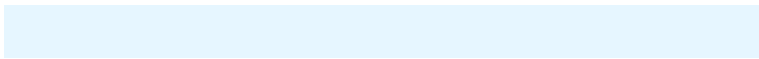
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 8.771, 74.019



96, 8.771, 124.019



96, 8.771, 254.019



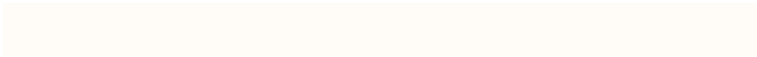
96, 8.771, 304.019

Sweetspot

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



96, 8.697, 74.732



99, 2.358, 75.573



93, 12.195, 344.534



53, 1.792, 75.513



0, 0.000, 0.000



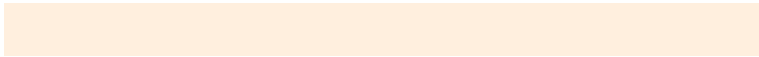
53, 0.007, 296.813

Same Dimension

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



96, 8.697, 74.732



95, 10.477, 74.470



99, 13.994, 109.120



51, 4.545, 74.893



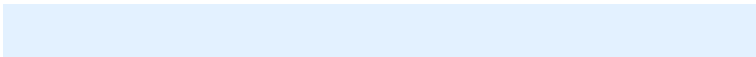
51, 68.509, 61.035



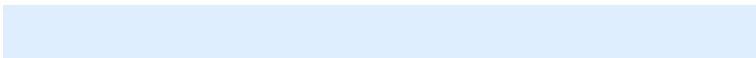
16, 27.009, 62.481

Inverse Universe

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



95, 8.480, 257.625



93, 10.155, 257.937



91, 14.352, 291.325



51, 4.448, 257.438



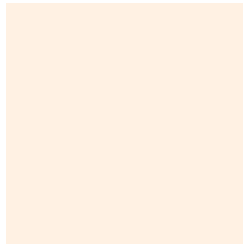
41, 59.078, 284.823



12, 24.015, 278.320

Previews

White Background



This preview shows how the CIE LCh color 96, 8.771, 74.019 looks on a white background.

Color Contrast Check

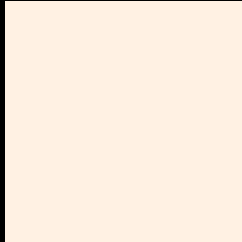
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 96, 8.771, 74.019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

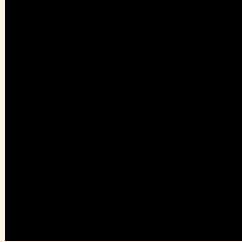
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 8.771, 74.019

Background



This preview shows how black text looks on a background with the CIELCh color 96, 8.771, 74.019.

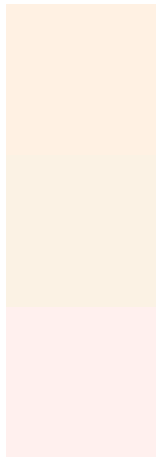


This preview shows how white text looks on a background with the CIELCh color 96, 8.771, 74.019.

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

96, 8.771, 74.019

Protanopia

96, 7.843, 84.997

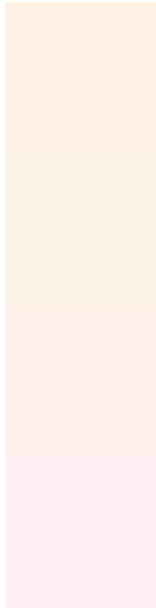
Deuteranopia

96, 5.464, 30.405



Tritanopia
96, 9.153, 328.376

Trichromacy



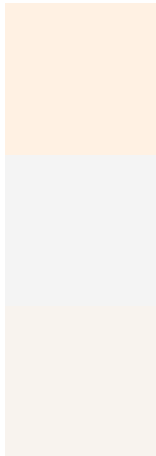
Original Color
96, 8.771, 74.019

Protanomaly
96, 8.001, 82.612

Deuteranomaly
96, 6.202, 49.202

Tritanomaly
96, 5.723, 358.764

Monochromacy



Original Color
96, 8.771, 74.019

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 3.094, 74.789

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 8.771, 74.019 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, 241, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 227)  
}
```

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, 241, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 8.771, 74.019 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, 241, 227) }
```

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

```
.border{ border-color:rgb(255, 241, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 241, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 8.771, 74.019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 227) }
```

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

```
.background{ background-color: rgb(255,  
241, 227) }
```

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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