

Converting Colors

CIELCh(96, 9.409, 73.925)

Have a look what the booklet for
CIELCh(96, 9.409, 73.925) contains.

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Color

CIELCh(96, 9.197, 75.797)

Conversions

Conversions Part 1

Format	Color
Hex	FFF1E2
RGB	255, 241, 226
RGB Percent	100%, 95%, 89%
CMY	0.0000, 0.0533, 0.1121
CMYK	0.00, 0.05, 0.11, 0.00
HSL	31°, 100%, 94%
HSV	31°, 11%, 100%
XYZ	86.7550, 90.0078, 85.0455
YIQ	243.4760, 13.1590, -1.6970

Conversions

Conversions Part 2

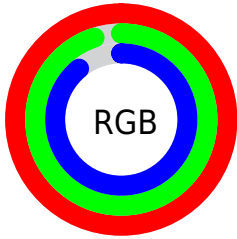
Format	Color
R_{YB}	253, 255, 226
Decimal	16773602
CIE _{Lab}	96.00, 2.26, 8.92
CIE _{LCh}	96, 9.197, 75.797
Yxy	90.0078, 0.3314, 0.3438
Android (android.graphics.Color)	4294963682 (0xFFFFF1E2)
YUV	243.4760, -8.6157, 10.1065
Hunter-Lab	94.8724, -2.7995, 13.2620

Details

The CIELCh color **96, 9.197, 75.797** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 8.906, 259.642**, 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, 9.029, 75.676** is the 20% darker color. If you saturate the color by 10%, you get **92, 17.620, 75.357**, and if you desaturate by 10%, it is **100, 0.957, 77.490**.

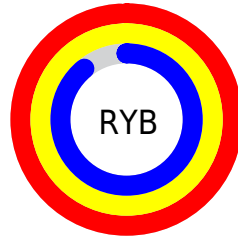
Distribution



Red (100%)

Green (95%)

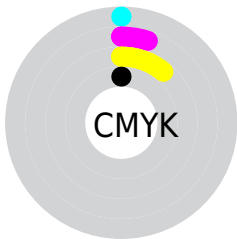
Blue (89%)



Red (99%)

Yellow (100%)

Blue (89%)

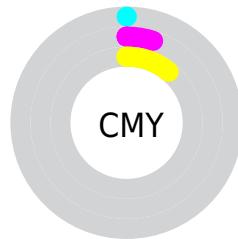


Cyan (0%)

Magenta (5%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 9.197, 75.797 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, 9.197, 75.797 by changing the saturation by 10% instead.

 96, 9.197, 75.797	 96, 9.197, 75.797
 100, 9.197, 75.797	 86, 9.197, 75.797
	 76, 9.197, 75.797
	 66, 9.197, 75.797
	 56, 9.197, 75.797
	 46, 9.197, 75.797
	 36, 9.197, 75.797
	 26, 9.197, 75.797
	 16, 9.197, 75.797
	 6, 9.197, 75.797

96, 9.197, 75.797

96, 9.197, 75.797

92, 17.620, 75.357

100, 0.957, 77.490

89, 26.498, 74.054

100, 0.012,
296.813

86, 35.744, 72.728

82, 45.310, 71.378

79, 55.059, 69.980

76, 64.675, 68.475

73, 73.535, 66.724

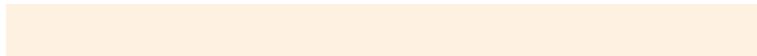
70, 80.586, 64.457

68, 84.721, 61.889

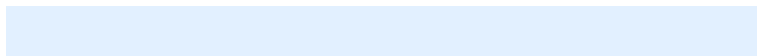
Harmonies

Complementary

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



96, 9.197, 75.797



94, 8.906, 259.642

Rectangle

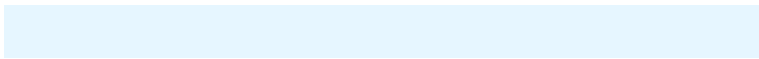
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 9.197, 75.797



96, 9.197, 125.797



96, 9.197, 255.797



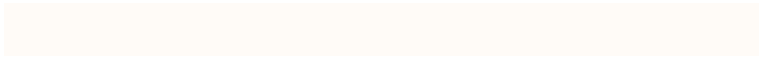
96, 9.197, 305.797

Sweetspot

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



96, 9.113, 76.622



99, 2.391, 77.529



93, 12.475, 345.489



53, 1.817, 77.466



0, 0.000, 0.000



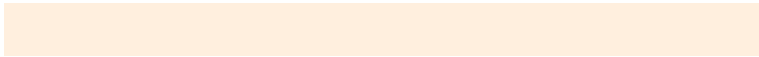
53, 0.007, 296.813

Same Dimension

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



96, 9.113, 76.622



95, 10.607, 76.400



99, 14.469, 109.771



51, 4.604, 76.831



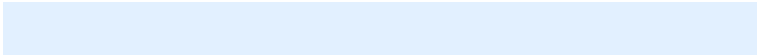
52, 68.031, 62.591



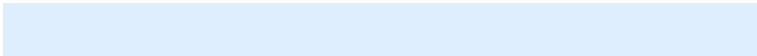
16, 27.023, 64.333

Inverse Universe

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



94, 8.906, 259.642



93, 10.320, 259.905



91, 14.851, 291.989



50, 4.518, 259.400



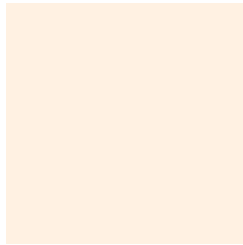
40, 61.276, 286.540



11, 24.828, 280.187

Previews

White Background



This preview shows how the CIELCh color 96, 9.197, 75.797 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 96, 9.197, 75.797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

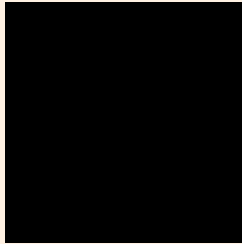
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 9.197, 75.797

Background



This preview shows how black text looks on a background with the CIELCh color 96, 9.197, 75.797.

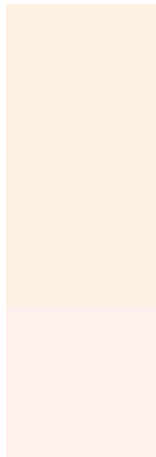


This preview shows how white text looks on a background with the CIELCh color 96, 9.197, 75.797.

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, 9.197, 75.797

Protanopia

96, 8.463, 84.112

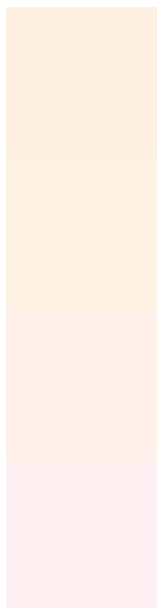
Deuteranopia

96, 5.464, 30.405



Tritanopia
96, 8.758, 330.441

Trichromacy



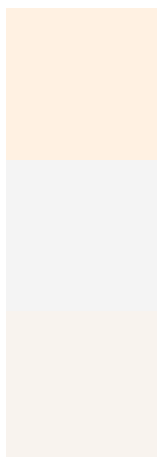
Original Color
96, 9.197, 75.797

Protanomaly
96, 8.626, 81.909

Deuteranomaly
96, 6.168, 54.948

Tritanomaly
96, 5.564, 3.684

Monochromacy



Original Color
96, 9.197, 75.797

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, 9.197, 75.797 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, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 9.197, 75.797 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, 226) }
```

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

```
.border{ border-color:rgb(255, 241, 226) }
```

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, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 9.197, 75.797 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, 226) }
```

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

```
.background{ background-color: rgb(255,  
241, 226) }
```

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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