

Converting Colors

CIELCh(96, 9.011, 77.826)

Have a look what the booklet for
CIELCh(96, 9.011, 77.826) contains.

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Color

CIELCh(96, 8.990, 77.754)

Conversions

Conversions Part 1

Format	Color
Hex	FFF2E3
RGB	255, 242, 227
RGB Percent	100%, 95%, 89%
CMY	0.0014, 0.0524, 0.1112
CMYK	0.00, 0.05, 0.11, 0.00
HSL	32°, 97%, 94%
HSV	32°, 11%, 100%
XYZ	86.5675, 90.0078, 85.2263
YIQ	244.1770, 12.5630, -1.9090

Conversions

Conversions Part 2

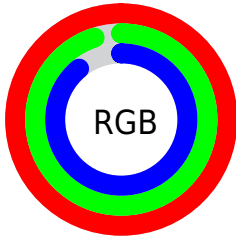
Format	Color
R _Y B	251, 255, 227
Decimal	16773859
CIE Lab	96.00, 1.91, 8.79
CIE LCh	96, 8.990, 77.754
Yxy	90.0078, 0.3307, 0.3438
Android (android.graphics.Color)	4294963939 (0xFFFFF2E3)
YUV	244.1770, -8.4683, 9.4918
Hunter-Lab	94.8724, -3.1524, 13.1490

Details

The CIELCh color **96, 8.990, 77.754** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 8.808, 260.745**, 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, 8.808, 77.788** is the 20% darker color. If you saturate the color by 10%, you get **93, 17.532, 76.496**, and if you desaturate by 10%, it is **100, 0.788, 78.565**.

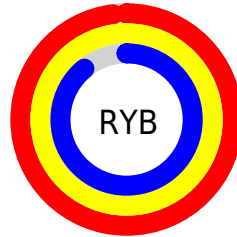
Distribution



Red (100%)

Green (95%)

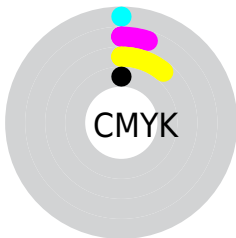
Blue (89%)



Red (98%)

Yellow (100%)

Blue (89%)

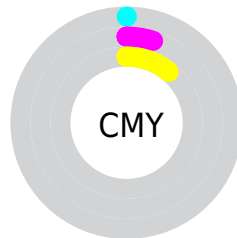


Cyan (0%)

Magenta (5%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 8.990, 77.754 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, 8.990, 77.754 by changing the saturation by 10% instead.

 96, 8.990, 77.754	 96, 8.990, 77.754
 100, 8.990, 77.754	 86, 8.990, 77.754
	 76, 8.990, 77.754
	 66, 8.990, 77.754
	 56, 8.990, 77.754
	 46, 8.990, 77.754
	 36, 8.990, 77.754
	 26, 8.990, 77.754
	 16, 8.990, 77.754
	 6, 8.990, 77.754

96, 8.990, 77.754

96, 8.990, 77.754

93, 17.532, 76.496

100, 0.788, 78.565

89, 26.428, 75.180

100, 0.126,
204.684

86, 35.674, 73.838

83, 45.219, 72.467

79, 54.921, 71.047

77, 64.465, 69.518

74, 73.228, 67.746

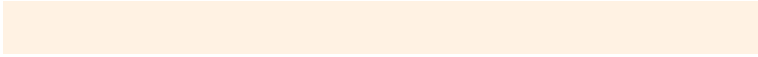
71, 80.174, 65.474

69, 84.286, 62.840

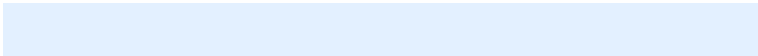
Harmonies

Complementary

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



96, 8.990, 77.754



94, 8.808, 260.745

Rectangle

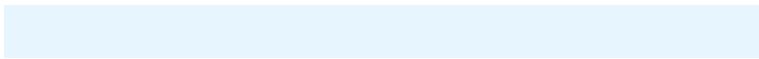
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 8.990, 77.754



96, 8.990, 127.754



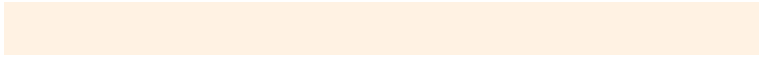
96, 8.990, 257.754



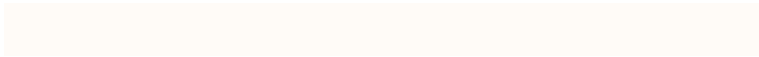
96, 8.990, 307.754

Sweetspot

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



96, 8.991, 77.771



99, 2.411, 78.662



93, 12.082, 346.410



53, 1.832, 78.597



0, 0.000, 0.000



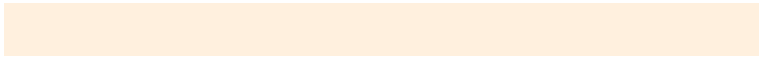
53, 0.007, 296.813

Same Dimension

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



96, 8.991, 77.771



95, 10.690, 77.520



99, 14.175, 110.478



51, 4.641, 77.955



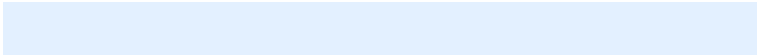
53, 67.774, 63.534



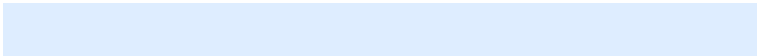
17, 27.045, 65.433

Inverse Universe

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



94, 8.808, 260.745



93, 10.424, 261.041



91, 14.542, 292.587



50, 4.562, 260.533



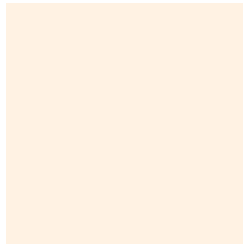
39, 62.599, 287.508



11, 25.320, 281.245

Previews

White Background



This preview shows how the CIELCh color 96, 8.990, 77.754 looks on a white background.

Color Contrast Check

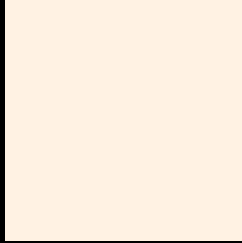
Large Text (above 18pt) WCAG AA × Fail

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, 8.990, 77.754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

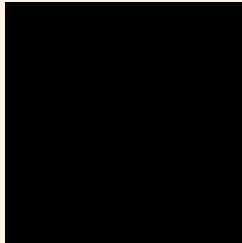
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 8.990, 77.754

Background



This preview shows how black text looks on a background with the CIELCh color 96, 8.990, 77.754.

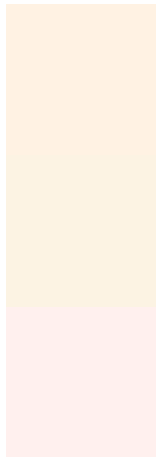


This preview shows how white text looks on a background with the CIELCh color 96, 8.990, 77.754.

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, 8.990, 77.754

Protanopia

96, 8.781, 87.643

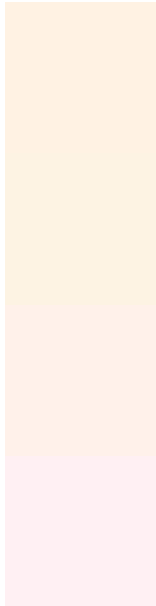
Deuteranopia

96, 5.464, 30.405



Tritanopia
96, 9.153, 328.376

Trichromacy



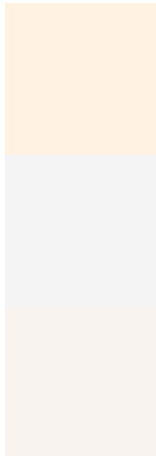
Original Color
96, 8.990, 77.754

Protanomaly
96, 8.923, 85.456

Deuteranomaly
96, 6.168, 54.948

Tritanomaly
96, 5.564, 3.684

Monochromacy



Original Color
96, 8.990, 77.754

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, 8.990, 77.754 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, 242, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 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, 242, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 8.990, 77.754 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, 242, 227) }
```

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

```
.border{ border-color:rgb(255, 242, 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, 242, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 8.990, 77.754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 242, 227) }
```

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

```
.background{ background-color: rgb(255,  
242, 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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