

Converting Colors

CIELCh(100, 23.488, 35.702)

Have a look what the booklet for
CIELCh(100, 23.488, 35.702)
contains.

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Color

CIELCh(96, 7.949, 69.887)

Conversions

Conversions Part 1

Format	Color
Hex	FFF1E5
RGB	255, 241, 229
RGB Percent	100%, 95%, 90%
CMY	0.0000, 0.0540, 0.1011
CMYK	0.00, 0.05, 0.10, 0.00
HSL	28°, 100%, 95%
HSV	28°, 10%, 100%
XYZ	87.0111, 90.0078, 87.0721
YIQ	243.8180, 12.1960, -0.7640

Conversions

Conversions Part 2

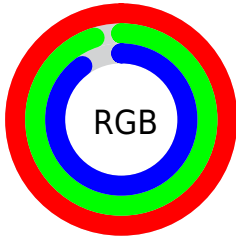
Format	Color
R _Y B	255, 251, 229
Decimal	16773605
CIE Lab	96.00, 2.73, 7.46
CIE LCh	96, 7.949, 69.887
Yxy	90.0078, 0.3295, 0.3408
Android (android.graphics.Color)	4294963685 (0xFFFFF1E5)
YUV	243.8180, -7.3053, 9.8066
Hunter-Lab	94.8724, -2.3176, 11.9955

Details

The CIELCh color **96, 7.949, 69.887** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 7.666, 252.955**, 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, 7.720, 69.330** is the 20% darker color. If you saturate the color by 10%, you get **92, 16.136, 69.190**, and if you desaturate by 10%, it is **100, 0.077, 65.460**.

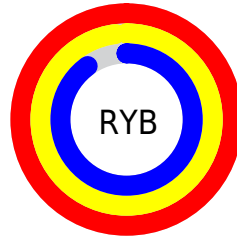
Distribution



Red (100%)

Green (95%)

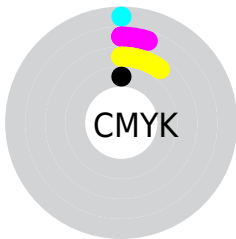
Blue (90%)



Red (100%)

Yellow (98%)

Blue (90%)

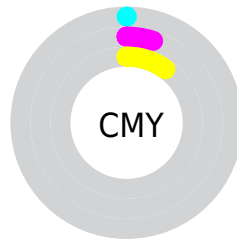


Cyan (0%)

Magenta (5%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 7.949, 69.887 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, 7.949, 69.887 by changing the saturation by 10% instead.

 96, 7.949, 69.887	 96, 7.949, 69.887
 100, 7.949, 69.887	 86, 7.949, 69.887
	 76, 7.949, 69.887
	 66, 7.949, 69.887
	 56, 7.949, 69.887
	 46, 7.949, 69.887
	 36, 7.949, 69.887
	 26, 7.949, 69.887
	 16, 7.949, 69.887
	 6, 7.949, 69.887

96, 7.949, 69.887

96, 7.949, 69.887

92, 16.136, 69.190

100, 0.077, 65.460

88, 24.822, 68.005

100, 0.012,
296.813

84, 33.976, 66.818

81, 43.577, 65.633

77, 53.529, 64.434

74, 63.581, 63.165

71, 73.187, 61.690

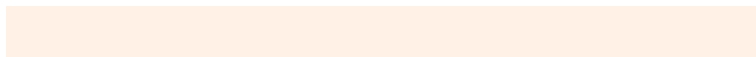
68, 81.324, 59.721

65, 86.988, 57.039

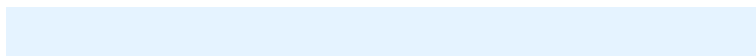
Harmonies

Complementary

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



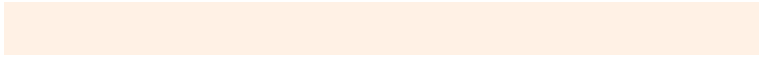
96, 7.949, 69.887



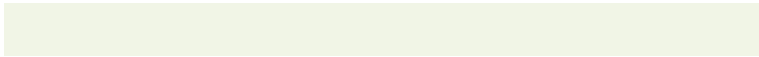
95, 7.666, 252.955

Rectangle

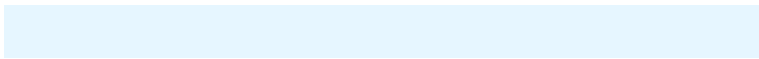
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 7.949, 69.887



96, 7.949, 119.887



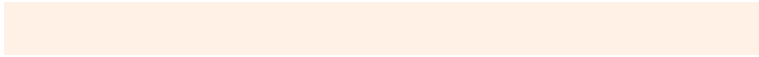
96, 7.949, 249.887



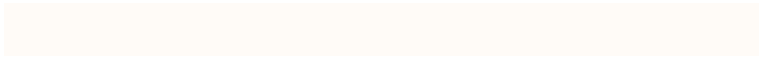
96, 7.949, 299.887

Sweetspot

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



96, 7.899, 70.352



99, 2.296, 71.047



93, 11.752, 341.828



52, 1.745, 70.996



0, 0.000, 0.000



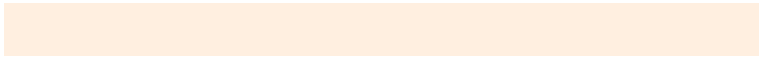
53, 0.007, 296.813

Same Dimension

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



96, 7.899, 70.352



95, 9.421, 70.138



99, 12.413, 107.076



51, 4.434, 70.420



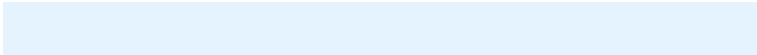
50, 69.752, 57.749



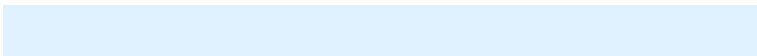
15, 27.079, 58.424

Inverse Universe

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



95, 7.666, 252.955



94, 9.083, 253.214



92, 12.682, 289.208



51, 4.312, 252.875



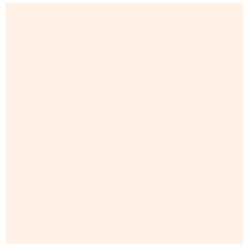
43, 54.382, 280.603



13, 22.307, 273.788

Previews

White Background



This preview shows how the CIE LCh color 96, 7.949, 69.887 looks on a white background.

Color Contrast Check

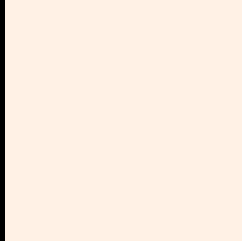
Large Text (above 18pt) WCAG AA × Fail

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, 7.949, 69.887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

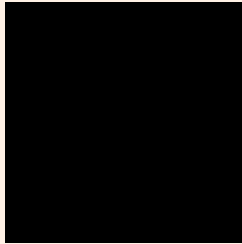
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 7.949, 69.887

Background



This preview shows how black text looks on a background with the CIELCh color 96, 7.949, 69.887.

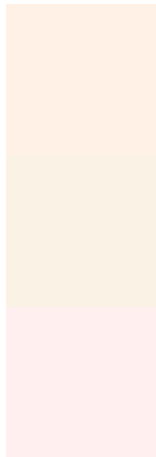


This preview shows how white text looks on a background with the CIELCh color 96, 7.949, 69.887.

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, 7.949, 69.887

Protanopia

96, 6.921, 81.620

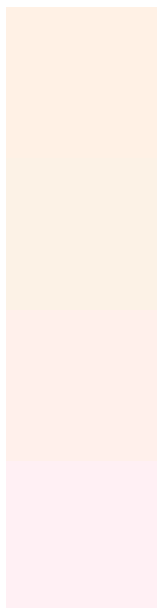
Deuteranopia

96, 5.387, 25.079



Tritanopia
96, 9.153, 328.376

Trichromacy



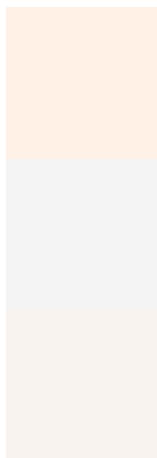
Original Color
96, 7.949, 69.887

Protanomaly
96, 7.098, 79.017

Deuteranomaly
96, 5.960, 44.972

Tritanomaly
96, 5.723, 358.764

Monochromacy



Original Color
96, 7.949, 69.887

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 2.690, 68.583

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 7.949, 69.887 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, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 229)  
}
```

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, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 7.949, 69.887 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, 229) }
```

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

```
.border{ border-color:rgb(255, 241, 229) }
```

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, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 7.949, 69.887 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, 229) }
```

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

```
.background{ background-color: rgb(255,  
241, 229) }
```

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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