

Converting Colors

CIELCh(96, 9.323, 80.816)

Have a look what the booklet for
CIELCh(96, 9.323, 80.816) contains.

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Color

CIELCh(96, 9.253, 81.288)

Conversions

Conversions Part 1

Format	Color
Hex	FEF2E2
RGB	254, 242, 226
RGB Percent	100%, 95%, 89%
CMY	0.0042, 0.0512, 0.1140
CMYK	0.00, 0.05, 0.11, 0.00
HSL	34°, 93%, 94%
HSV	34°, 11%, 100%
XYZ	86.2970, 90.0078, 84.7267
YIQ	243.7640, 12.2880, -2.4320

Conversions

Conversions Part 2

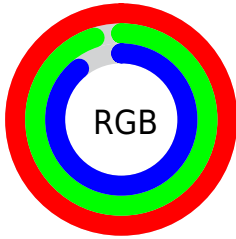
Format	Color
R_{YB}	247, 254, 226
Decimal	16708322
CIE Lab	96.00, 1.40, 9.15
CIE LCh	96, 9.253, 81.288
Yxy	90.0078, 0.3306, 0.3448
Android (android.graphics.Color)	4294898402 (0xFFFEF2E2)
YUV	243.7640, -8.7577, 8.9770
Hunter-Lab	94.8724, -3.6613, 13.4612

Details

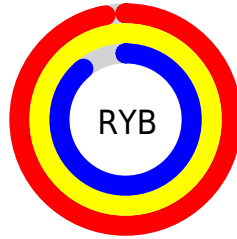
The CIELCh color **96, 9.253, 81.288** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 9.119, 264.304**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 9.086, 81.562** is the 20% darker color. If you saturate the color by 10%, you get **93, 17.967, 80.005**, and if you desaturate by 10%, it is **99, 0.838, 82.181**.

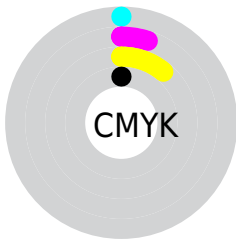
Distribution



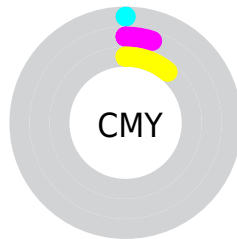
- Red (100%)
- Green (95%)
- Blue (89%)



- Red (97%)
- 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, 9.253, 81.288 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, 9.253, 81.288 by changing the saturation by 10% instead.

 96, 9.253, 81.288	 96, 9.253, 81.288
 100, 9.253, 81.288	 86, 9.253, 81.288
	 76, 9.253, 81.288
	 66, 9.253, 81.288
	 56, 9.253, 81.288
	 46, 9.253, 81.288
	 36, 9.253, 81.288
	 26, 9.253, 81.288
	 16, 9.253, 81.288
	 6, 9.253, 81.288

96, 9.253, 81.288

96, 9.253, 81.288

93, 17.967, 80.005

99, 0.838, 82.181

90, 26.986, 78.658

100, 0.371,
201.168

87, 36.294, 77.277

83, 45.823, 75.857

81, 55.413, 74.379

78, 64.723, 72.786

75, 73.110, 70.954

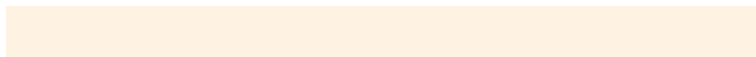
73, 79.556, 68.650

70, 83.174, 66.040

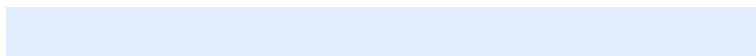
Harmonies

Complementary

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



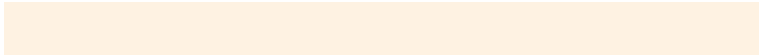
96, 9.253, 81.288



94, 9.119, 264.304

Rectangle

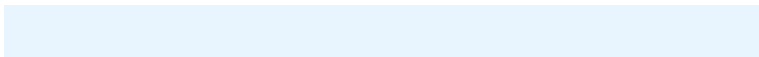
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 9.253, 81.288



96, 9.253, 131.288



96, 9.253, 261.288



96, 9.253, 311.288

Sweetspot

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



96, 9.254, 81.304



99, 2.485, 82.226



92, 11.839, 348.360



53, 1.888, 82.156



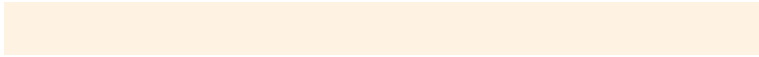
0, 0.000, 0.000



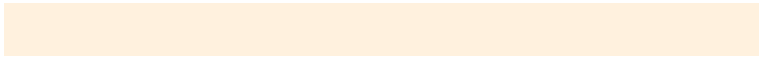
53, 0.007, 296.813

Same Dimension

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



96, 9.254, 81.304



96, 10.987, 81.053



99, 14.202, 111.843



52, 4.775, 81.495



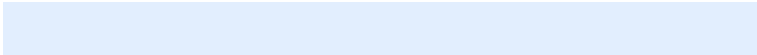
54, 67.082, 66.703



17, 27.189, 69.027

Inverse Universe

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



94, 9.119, 264.304



93, 10.790, 264.598



91, 14.569, 293.835



50, 4.718, 264.086



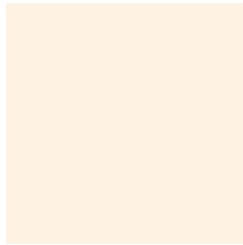
37, 67.002, 290.431



10, 26.981, 284.470

Previews

White Background



This preview shows how the CIELCh color 96, 9.253, 81.288 looks on a white background.

Color Contrast Check

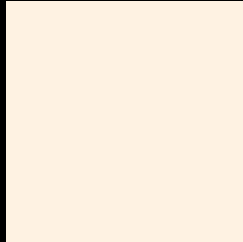
Large Text (above 18pt) WCAG AA × Fail

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, 9.253, 81.288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

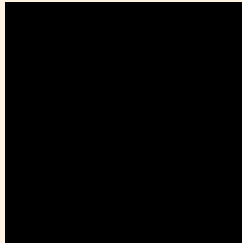
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

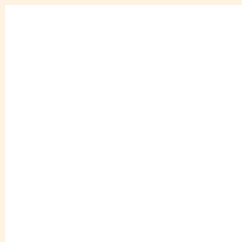
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 9.253, 81.288

Background



This preview shows how black text looks on a background with the CIELCh color 96, 9.253, 81.288.

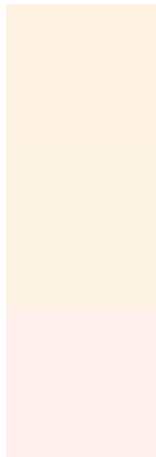


This preview shows how white text looks on a background with the CIELCh color 96, 9.253, 81.288.

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, 9.253, 81.288

Protanopia

96, 9.259, 88.754

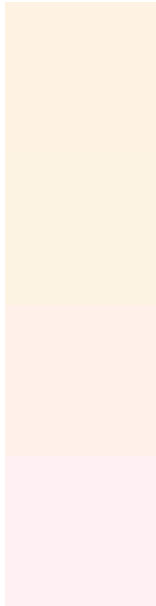
Deuteranopia

96, 5.464, 30.405



Tritanopia
96, 9.153, 328.376

Trichromacy



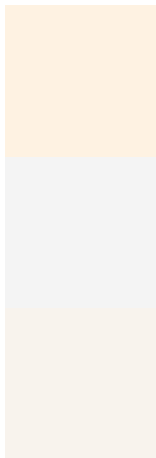
Original Color
96, 9.253, 81.288

Protanomaly
96, 9.394, 86.658

Deuteranomaly
96, 6.168, 54.948

Tritanomaly
96, 5.564, 3.684

Monochromacy



Original Color
96, 9.253, 81.288

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 3.526, 79.510

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 9.253, 81.288 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(254, 242, 226)` looks like.

```
.text, #text, p{  
    color:rgb(254, 242, 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(254, 242, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 242, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 9.253, 81.288 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(254, 242, 226) }
```

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

```
.border{ border-color:rgb(254, 242, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 242, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 242, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 242, 226);  
box-shadow:4px 4px 4px 4px rgb(254, 242,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 9.253, 81.288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 242, 226) }
```

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

```
.background{ background-color: rgb(254,  
242, 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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