

Converting Colors

CIELCh(96, 8.937, 95.379)

Have a look what the booklet for
CIELCh(96, 8.937, 95.379) contains.

CIELCh(96, 8.935, 95.365)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(96, 8.935, 95.365)

Conversions

Conversions Part 1

Format	Color
Hex	F9F3E2
RGB	249, 243, 226
RGB Percent	98%, 95%, 89%
CMY	0.0222, 0.0457, 0.1124
CMYK	0.00, 0.02, 0.09, 0.02
HSL	44°, 67%, 93%
HSV	44°, 9%, 98%
XYZ	85.1063, 90.0078, 85.0732
YIQ	242.8560, 9.0330, -4.0150

Conversions

Conversions Part 2

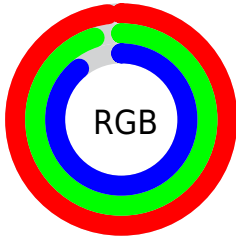
Format	Color
RYB	234, 249, 226
Decimal	16380898
CIELab	96.00, -0.84, 8.90
CIElCh	96, 8.935, 95.365
Yxy	90.0078, 0.3271, 0.3459
Android (android.graphics.Color)	4294570978 (0xFFFF9F3E2)
YUV	242.8560, -8.3100, 5.3883
Hunter-Lab	94.8724, -5.9014, 13.2447

Details

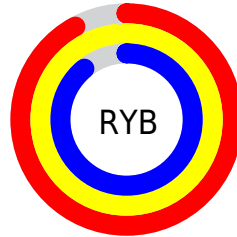
The CIELCh color **96, 8.935, 95.365** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 8.997, 277.695**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 8.872, 94.292** is the 20% darker color. If you saturate the color by 10%, you get **94, 18.756, 94.155**, and if you desaturate by 10%, it is **98, 0.755, 276.901**.

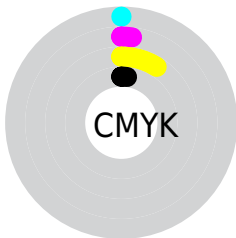
Distribution



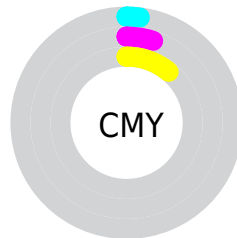
- Red (98%)
- Green (95%)
- Blue (89%)



- Red (92%)
- Yellow (98%)
- Blue (89%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (2%)



- Cyan (2%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 8.935, 95.365 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, 8.935, 95.365 by changing the saturation by 10% instead.



96, 8.935, 95.365

96, 8.935, 95.365

94, 18.756, 94.155

98, 0.755, 276.901

92, 28.671, 92.883

100, 1.966,
199.618

90, 38.620, 91.575

88, 48.476, 90.233

86, 58.009, 88.854

84, 66.818, 87.421

82, 74.254, 85.887

81, 79.454, 84.164

79, 81.901, 82.149

Harmonies

Complementary

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



96, 8.935, 95.365



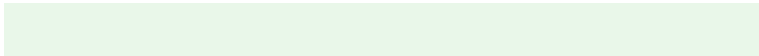
92, 8.997, 277.695

Rectangle

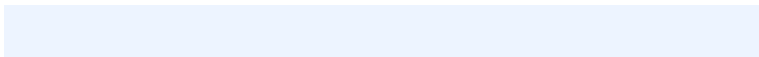
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 8.935, 95.365



96, 8.935, 145.365



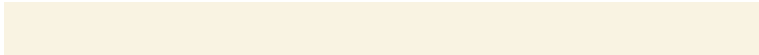
96, 8.935, 275.365



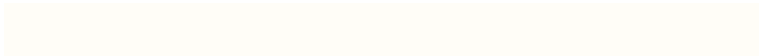
96, 8.935, 325.365

Sweetspot

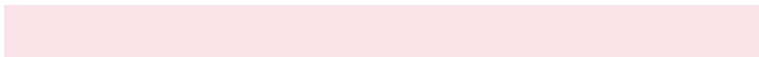
The Sweet Spot groups the original color and five complimentary colors.



96, 8.937, 95.379



99, 2.939, 96.074



92, 8.882, 359.135



53, 2.231, 95.996



0, 0.000, 0.000



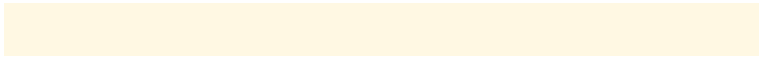
53, 0.007, 296.813

Same Dimension

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



96, 8.937, 95.379



98, 10.865, 95.166



97, 11.878, 118.683



51, 5.517, 95.347



61, 66.632, 82.401



20, 28.110, 84.997

Inverse Universe

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



92, 8.997, 277.695



93, 10.944, 277.935



91, 12.116, 299.894



49, 5.554, 277.730



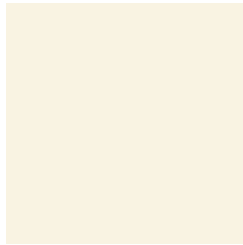
29, 86.862, 300.207



6, 33.784, 294.828

Previews

White Background



This preview shows how the CIE LCh color 96, 8.935, 95.365 looks on a white background.

Color Contrast Check

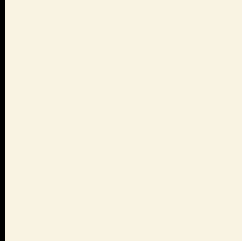
Large Text (above 18pt) WCAG AA × Fail

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, 8.935, 95.365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

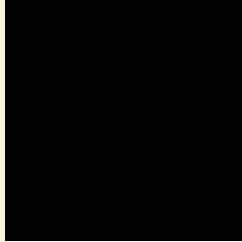
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 8.935, 95.365

Background



This preview shows how black text looks on a background with the CIELCh color 96, 8.935, 95.365.

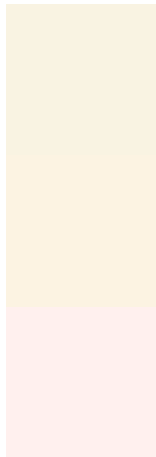


This preview shows how white text looks on a background with the CIELCh color 96, 8.935, 95.365.

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, 8.935, 95.365

Protanopia

96, 9.259, 88.754

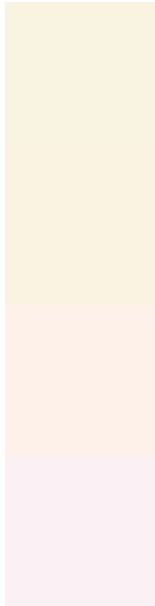
Deuteranopia

96, 5.464, 30.405



Tritanopia
96, 8.802, 319.044

Trichromacy



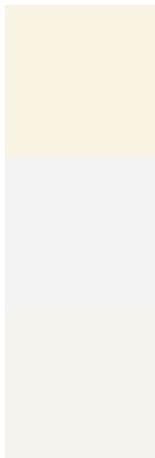
Original Color
96, 8.935, 95.365

Protanomaly
96, 9.137, 90.907

Deuteranomaly
96, 5.589, 59.246

Tritanomaly
96, 4.108, 349.643

Monochromacy



Original Color
96, 8.935, 95.365

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 3.134, 96.780

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 8.935, 95.365 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(249, 243, 226)` looks like.

```
.text, #text, p{  
    color:rgb(249, 243, 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(249, 243, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 243, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 8.935, 95.365 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(249, 243, 226) }
```

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

```
.border{ border-color:rgb(249, 243, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 243, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 243, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 243, 226);  
box-shadow:4px 4px 4px 4px rgb(249, 243,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 8.935, 95.365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 243, 226) }
```

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

```
.background{ background-color: rgb(249,  
243, 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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