

Converting Colors

CIELCh(96, 8.930, 85.451)

Have a look what the booklet for
CIELCh(96, 8.930, 85.451) contains.

CIELCh(96, 8.930, 85.451)	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, 8.930, 85.451)

Conversions

Conversions Part 1

Format	Color
Hex	FCF2E2
RGB	252, 242, 226
RGB Percent	99%, 95%, 89%
CMY	0.0103, 0.0495, 0.1123
CMYK	0.00, 0.04, 0.10, 0.01
HSL	37°, 83%, 94%
HSV	37°, 10%, 99%
XYZ	85.9268, 90.0078, 85.0648
YIQ	243.1660, 11.0960, -2.8560

Conversions

Conversions Part 2

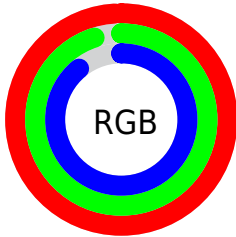
Format	Color
R_{YB}	242, 252, 226
Decimal	16577250
CIE _{Lab}	96.00, 0.71, 8.90
CIE _{LCh}	96, 8.930, 85.451
Yxy	90.0078, 0.3292, 0.3449
Android (android.graphics.Color)	4294767330 (0xFFFCF2E2)
YUV	243.1660, -8.4628, 7.7474
Hunter-Lab	94.8724, -4.3578, 13.2499

Details

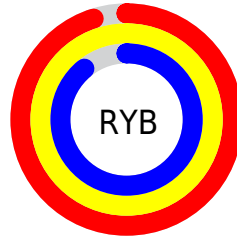
The CIELCh color **96, 8.930, 85.451** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 8.868, 268.250**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 8.750, 86.071** is the 20% darker color. If you saturate the color by 10%, you get **93, 17.859, 84.166**, and if you desaturate by 10%, it is **99, 0.251, 85.459**.

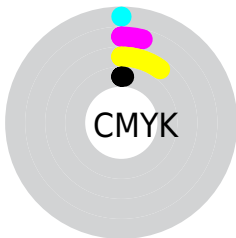
Distribution



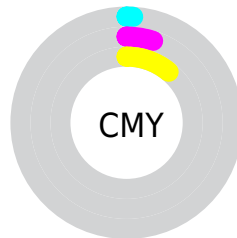
- Red (99%)
- Green (95%)
- Blue (89%)



- Red (95%)
- Yellow (99%)
- Blue (89%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (1%)



- Cyan (1%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 8.930, 85.451 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, 8.930, 85.451 by changing the saturation by 10% instead.



96, 8.930, 85.451

96, 8.930, 85.451

93, 17.859, 84.166

99, 0.251, 85.459

90, 27.033, 82.812

100, 0.910,
200.076

87, 36.424, 81.417

85, 45.952, 79.979

82, 55.440, 78.479

79, 64.535, 76.872

77, 72.600, 75.055

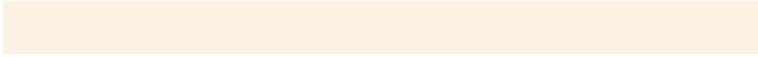
75, 78.663, 72.836

72, 82.068, 70.148

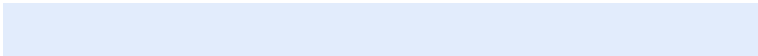
Harmonies

Complementary

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



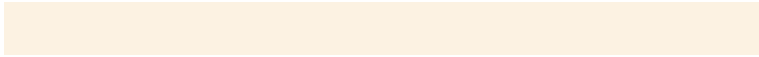
96, 8.930, 85.451



93, 8.868, 268.250

Rectangle

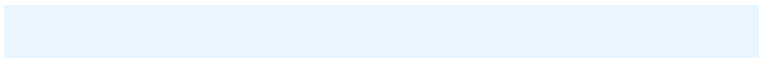
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 8.930, 85.451



96, 8.930, 135.451



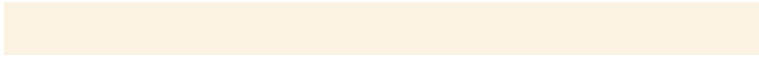
96, 8.930, 265.451



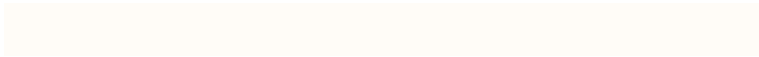
96, 8.930, 315.451

Sweetspot

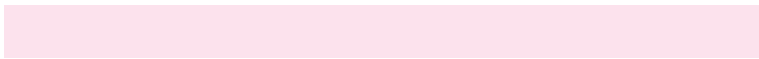
The Sweet Spot groups the original color and five complimentary colors.



96, 8.931, 85.467



99, 2.588, 86.312



92, 10.776, 350.317



53, 1.966, 86.238



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

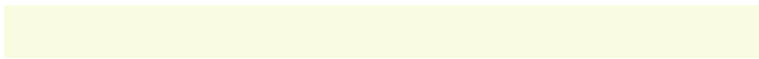
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 8.931, 85.467



96, 10.515, 85.251



98, 13.232, 113.265



51, 4.881, 85.570



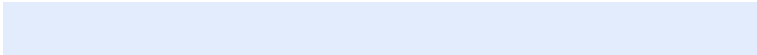
55, 65.904, 70.784



17, 26.360, 73.393

Inverse Universe

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



93, 8.868, 268.250



93, 10.420, 268.498



91, 13.550, 295.011



49, 4.851, 268.135



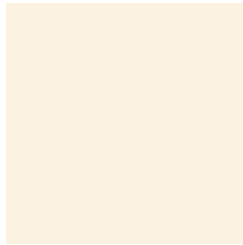
35, 71.741, 293.540



9, 28.128, 287.647

Previews

White Background



This preview shows how the CIELCh color 96, 8.930, 85.451 looks on a white background.

Color Contrast Check

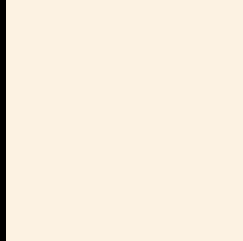
Large Text (above 18pt) WCAG AA × Fail

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, 8.930, 85.451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

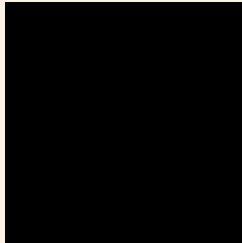
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

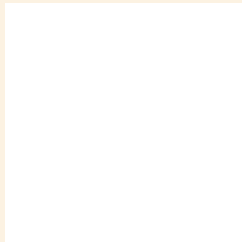
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 8.930, 85.451

Background



This preview shows how black text looks on a background with the CIELCh color 96, 8.930, 85.451.

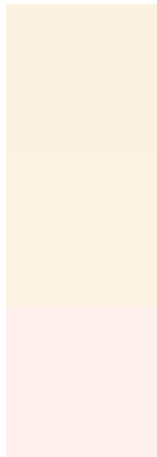


This preview shows how white text looks on a background with the CIELCh color 96, 8.930, 85.451.

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, 8.930, 85.451

Protanopia

96, 9.259, 88.754

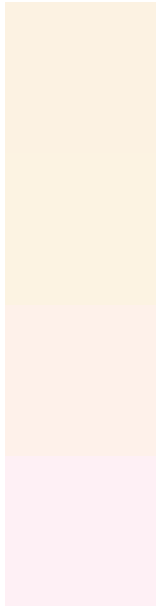
Deuteranopia

96, 5.464, 30.405



Tritanopia
96, 9.976, 324.758

Trichromacy



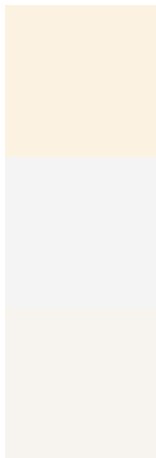
Original Color
96, 8.930, 85.451

Protanomaly
96, 9.259, 88.754

Deuteranomaly
96, 5.874, 56.991

Tritanomaly
96, 5.605, 352.534

Monochromacy



Original Color
96, 8.930, 85.451

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 2.906, 80.598

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 8.930, 85.451 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(252, 242, 226)` looks like.

```
.text, #text, p{  
    color:rgb(252, 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(252, 242, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 242, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 8.930, 85.451 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(252, 242, 226) }
```

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

```
.border{ border-color:rgb(252, 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(252, 242, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 242, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 242, 226); box-shadow:4px 4px 4px 4px rgb(252, 242, 226) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 8.930, 85.451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 242, 226) }
```

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

```
.background{ background-color: rgb(252,  
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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