

Converting Colors

CIELCh(96, 9.486, 93.676)

Have a look what the booklet for
CIELCh(96, 9.486, 93.676) contains.

CIELCh(96, 9.522, 93.918)	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, 9.522, 93.918)

Conversions

Conversions Part 1

Format	Color
Hex	FAF3E1
RGB	250, 243, 225
RGB Percent	98%, 95%, 88%
CMY	0.0189, 0.0464, 0.1170
CMYK	0.00, 0.03, 0.10, 0.02
HSL	43°, 72%, 93%
HSV	43°, 10%, 98%
XYZ	85.2043, 90.0078, 84.2392
YIQ	243.0410, 9.9500, -4.1140

Conversions

Conversions Part 2

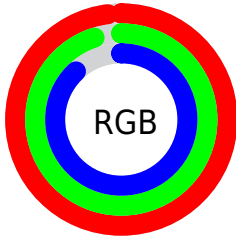
Format	Color
R_{YB}	235, 250, 225
Decimal	16446433
CIE _{Lab}	96.00, -0.65, 9.50
CIE _{LCh}	96, 9.522, 93.918
Yxy	90.0078, 0.3284, 0.3469
Android (android.graphics.Color)	4294636513 (0xFFFAF3E1)
YUV	243.0410, -8.8942, 6.1030
Hunter-Lab	94.8724, -5.7171, 13.7659

Details

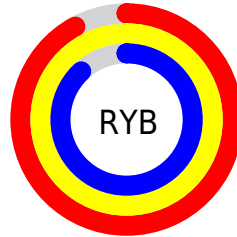
The CIELCh color **96, 9.522, 93.918** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 9.572, 276.478**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 9.392, 95.066** is the 20% darker color. If you saturate the color by 10%, you get **94, 19.206, 92.687**, and if you desaturate by 10%, it is **98, 0.016, 290.133**.

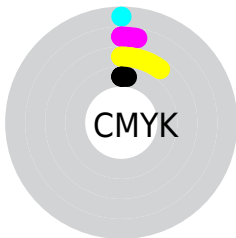
Distribution



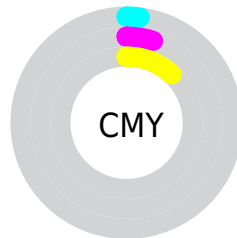
- Red (98%)
- Green (95%)
- Blue (88%)



- Red (92%)
- Yellow (98%)
- Blue (88%)



- Cyan (0%)
- Magenta (3%)
- Yellow (10%)
- Black (2%)



- Cyan (2%)
- Magenta (5%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 9.522, 93.918 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, 9.522, 93.918 by changing the saturation by 10% instead.



96, 9.522, 93.918

96, 9.522, 93.918

94, 19.206, 92.687

98, 0.016, 290.133

92, 29.005, 91.393

100, 1.674,
199.695

89, 38.858, 90.060

87, 48.641, 88.691

85, 58.124, 87.277

83, 66.897, 85.796

81, 74.295, 84.189

80, 79.426, 82.351

78, 81.874, 80.179

Harmonies

Complementary

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



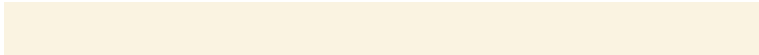
96, 9.522, 93.918



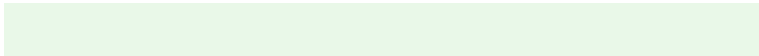
92, 9.572, 276.478

Rectangle

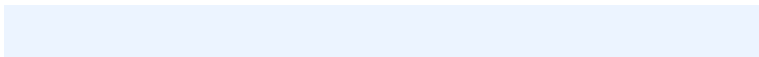
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 9.522, 93.918



96, 9.522, 143.918



96, 9.522, 273.918



96, 9.522, 323.918

Sweetspot

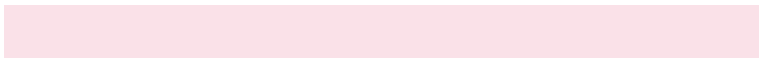
The Sweet Spot groups the original color and five complimentary colors.



96, 9.524, 93.932



99, 2.880, 94.725



92, 9.738, 358.034



53, 2.186, 94.647



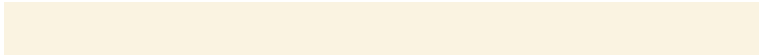
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

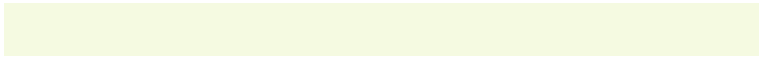
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 9.524, 93.932



97, 11.633, 93.686



97, 12.875, 117.974



51, 5.409, 93.992



60, 66.311, 80.629



19, 27.769, 83.317

Inverse Universe

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



92, 9.572, 276.478



92, 11.696, 276.757



91, 13.156, 299.333



49, 5.437, 276.410



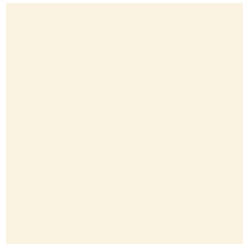
30, 84.627, 299.364



7, 32.996, 294.024

Previews

White Background



This preview shows how the CIELCh color 96, 9.522, 93.918 looks on a white background.

Color Contrast Check

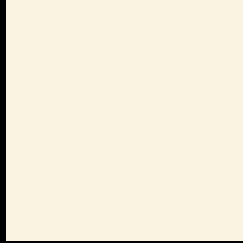
Large Text (above 18pt) WCAG AA × Fail

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, 9.522, 93.918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

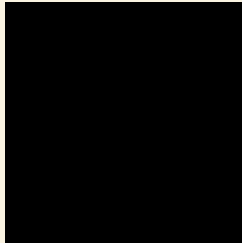
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

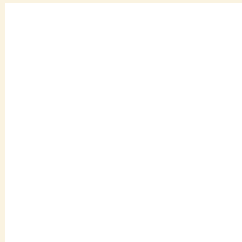
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 9.522, 93.918

Background



This preview shows how black text looks on a background with the CIELCh color 96, 9.522, 93.918.

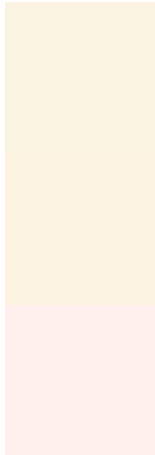


This preview shows how white text looks on a background with the CIELCh color 96, 9.522, 93.918.

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, 9.522, 93.918

Protanopia

96, 9.740, 89.752

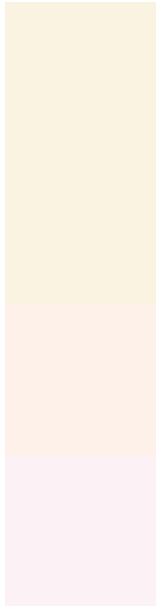
Deuteranopia

96, 5.587, 35.538



Tritanopia
96, 9.600, 321.275

Trichromacy



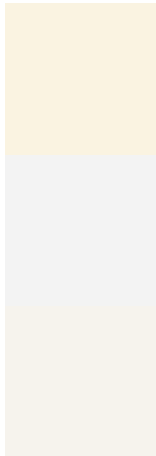
Original Color
96, 9.522, 93.918

Protanomaly
96, 9.624, 91.813

Deuteranomaly
96, 5.933, 62.997

Tritanomaly
96, 4.205, 358.148

Monochromacy



Original Color
96, 9.522, 93.918

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 3.230, 90.586

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 9.522, 93.918 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(250, 243, 225)` looks like.

```
.text, #text, p{  
    color:rgb(250, 243, 225)  
}
```

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(250, 243, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 243, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 9.522, 93.918 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(250, 243, 225) }
```

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

```
.border{ border-color:rgb(250, 243, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 243, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 243, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 243, 225);  
box-shadow:4px 4px 4px 4px rgb(250, 243,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 9.522, 93.918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 243, 225) }
```

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

```
.background{ background-color: rgb(250,  
243, 225) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor