

Converting Colors

CIELCh(93, 18.509, 94.558)

Have a look what the booklet for
CIELCh(93, 18.509, 94.558) contains.

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Color

CIELCh(93, 18.426, 95.703)

Conversions

Conversions Part 1

Format	Color
Hex	F6EBC8
RGB	246, 235, 200
RGB Percent	96%, 92%, 78%
CMY	0.0363, 0.0794, 0.2167
CMYK	0.00, 0.04, 0.19, 0.04
HSL	46°, 71%, 87%
HSV	46°, 19%, 96%
XYZ	77.9393, 82.9670, 66.3925
YIQ	234.2990, 17.7910, -8.5530

Conversions

Conversions Part 2

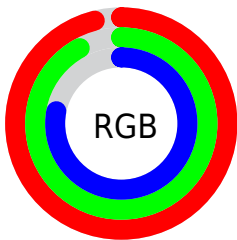
Format	Color
R_{YB}	214, 246, 200
Decimal	16182216
CIE _{Lab}	93.00, -1.83, 18.33
CIE _{LCh}	93, 18.426, 95.703
Yxy	82.9670, 0.3429, 0.3650
Android (android.graphics.Color)	4294372296 (0xFFFF6EBC8)
YUV	234.2990, -16.9094, 10.2618
Hunter-Lab	91.0862, -6.6648, 20.5441

Details

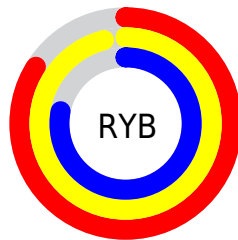
The CIELCh color **93, 18.426, 95.703** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **85, 18.697, 280.472**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 18.249, 95.689** is the 20% darker color. If you saturate the color by 10%, you get **91, 28.401, 94.464**, and if you desaturate by 10%, it is **95, 8.528, 96.911**.

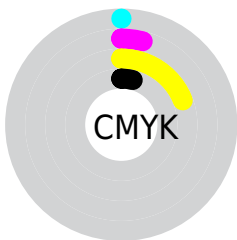
Distribution



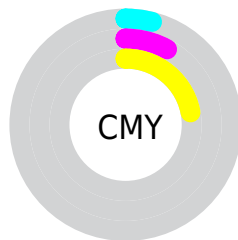
- Red (96%)
- Green (92%)
- Blue (78%)



- Red (84%)
- Yellow (96%)
- Blue (78%)



- Cyan (0%)
- Magenta (4%)
- Yellow (19%)
- Black (4%)



- Cyan (4%)
- Magenta (8%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 18.426, 95.703 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 93, 18.426, 95.703 by changing the saturation by 10% instead.

 93, 18.426, 95.703

 93, 18.426, 95.703

 100, 18.426,
95.703

 83, 18.426, 95.703

 73, 18.426, 95.703

 63, 18.426, 95.703

 53, 18.426, 95.703

 43, 18.426, 95.703

 33, 18.426, 95.703

 23, 18.426, 95.703

 13, 18.426, 95.703

 3, 18.426, 95.703

93, 18.426, 95.703

93, 18.426, 95.703

91, 28.401, 94.464

95, 8.528, 96.911

89, 38.381, 93.184

97, 1.263, 278.274

87, 48.240, 91.876

99, 2.643, 230.152

86, 57.747, 90.539

99, 3.206, 199.409

84, 66.504, 89.160

82, 73.882, 87.707

81, 79.051, 86.108

79, 81.467, 84.271

79, 81.694, 84.028

Harmonies

Complementary

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



93, 18.426, 95.703



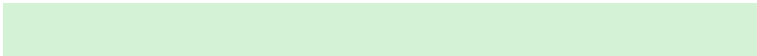
85, 18.697, 280.472

Rectangle

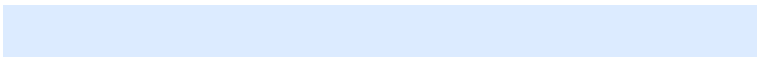
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 18.426, 95.703



93, 18.426, 145.703



93, 18.426, 275.703



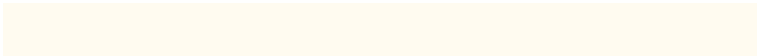
93, 18.426, 325.703

Sweetspot

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



93, 18.428, 95.711



99, 6.038, 97.221



85, 18.056, 1.419



53, 4.007, 97.147



0, 0.000, 0.000



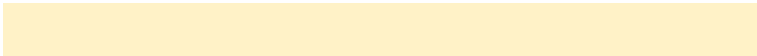
53, 0.007, 296.813

Same Dimension

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



93, 18.428, 95.711



95, 22.360, 95.300



95, 23.823, 118.729



50, 5.548, 96.821



61, 66.416, 84.402



19, 27.351, 86.958

Inverse Universe

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



85, 18.697, 280.472



85, 22.749, 280.997



83, 24.758, 301.220



48, 5.596, 279.158



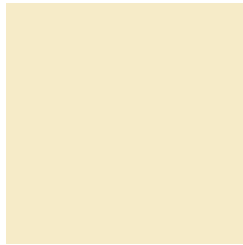
28, 88.335, 301.060



6, 33.073, 294.794

Previews

White Background



This preview shows how the CIELCh color 93, 18.426, 95.703 looks on a white background.

Color Contrast Check

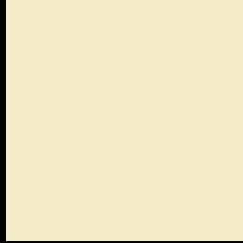
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 93, 18.426, 95.703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

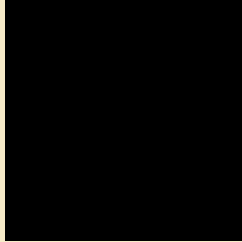
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

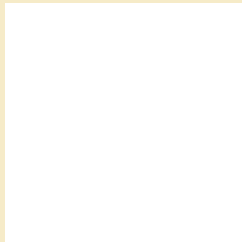
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 18.426, 95.703

Background



This preview shows how black text looks on a background with the CIELCh color 93, 18.426, 95.703.

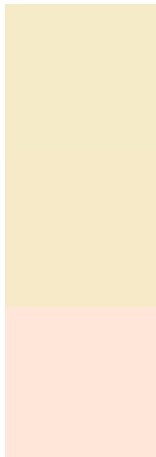


This preview shows how white text looks on a background with the CIELCh color 93, 18.426, 95.703.

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
93, 18.426, 95.703

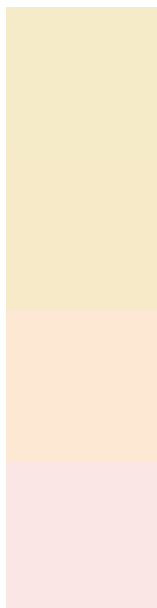
Protanopia
93, 18.134, 93.045

Deuteranopia
93, 11.433, 55.515



Tritanopia
93, 12.621, 332.934

Trichromacy



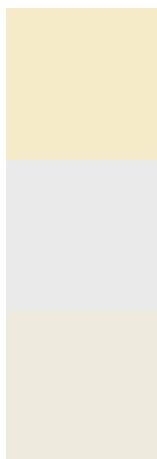
Original Color
93, 18.426, 95.703

Protanomaly
93, 18.134, 93.045

Deuteranomaly
93, 13.132, 74.662

Tritanomaly
93, 7.259, 23.873

Monochromacy



Original Color
93, 18.426, 95.703

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 6.327, 96.406

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 18.426, 95.703 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(246, 235, 200)` looks like.

```
.text, #text, p{  
    color:rgb(246, 235, 200)  
}
```

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(246, 235, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 235, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 18.426, 95.703 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(246, 235, 200) }
```

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

```
.border{ border-color:rgb(246, 235, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 235, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 235, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 235, 200); box-shadow:4px 4px 4px 4px rgb(246, 235, 200) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 18.426, 95.703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 235, 200) }
```

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

```
.background{ background-color: rgb(246,  
235, 200) }
```

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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