

Converting Colors

CIELCh(93, 17.862, 96.073)

Have a look what the booklet for
CIELCh(93, 17.862, 96.073) contains.

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Color

CIELCh(93, 17.843, 96.580)

Conversions

Conversions Part 1

Format	Color
Hex	F5EBC9
RGB	245, 235, 201
RGB Percent	96%, 92%, 79%
CMY	0.0396, 0.0788, 0.2121
CMYK	0.00, 0.04, 0.18, 0.04
HSL	46°, 69%, 87%
HSV	46°, 18%, 96%
XYZ	77.8326, 82.9670, 67.1106
YIQ	234.1140, 16.8740, -8.4540

Conversions

Conversions Part 2

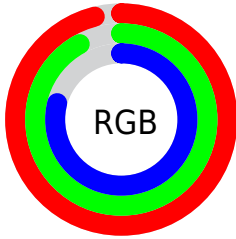
Format	Color
R _Y B	214, 245, 201
Decimal	16116681
CIE Lab	93.00, -2.04, 17.73
CIE LCh	93, 17.843, 96.580
Yxy	82.9670, 0.3415, 0.3640
Android (android.graphics.Color)	4294306761 (0xFFFF5EBC9)
YUV	234.1140, -16.3252, 9.5470
Hunter-Lab	91.0862, -6.8738, 20.0766

Details

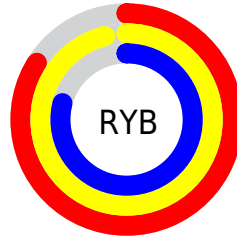
The CIELCh color **93, 17.843, 96.580** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **85, 18.130, 281.100**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 17.636, 96.661** is the 20% darker color. If you saturate the color by 10%, you get **91, 27.888, 95.357**, and if you desaturate by 10%, it is **95, 7.866, 97.772**.

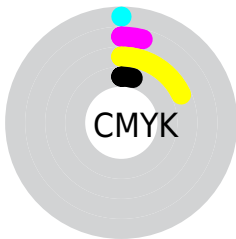
Distribution



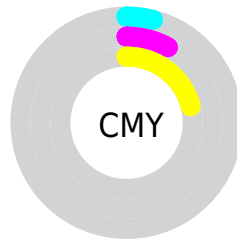
- Red (96%)
- Green (92%)
- Blue (79%)



- Red (84%)
- Yellow (96%)
- Blue (79%)



- Cyan (0%)
- Magenta (4%)
- Yellow (18%)
- Black (4%)



- Cyan (4%)
- Magenta (8%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 17.843, 96.580 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, 17.843, 96.580 by changing the saturation by 10% instead.

 93, 17.843, 96.580

 93, 17.843, 96.580

 100, 17.843,
96.580

 83, 17.843, 96.580

 73, 17.843, 96.580

 63, 17.843, 96.580

 53, 17.843, 96.580

 43, 17.843, 96.580

 33, 17.843, 96.580

 23, 17.843, 96.580

 13, 17.843, 96.580

 3, 17.843, 96.580

93, 17.843, 96.580

93, 17.843, 96.580

91, 27.888, 95.357

95, 7.866, 97.772

89, 37.929, 94.094

97, 2.012, 279.056

88, 47.840, 92.806

98, 2.874, 236.699

86, 57.397, 91.493

99, 3.491, 199.374

84, 66.212, 90.147

83, 73.672, 88.742

81, 78.969, 87.218

80, 81.487, 85.485

80, 81.830, 85.120

Harmonies

Complementary

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



93, 17.843, 96.580



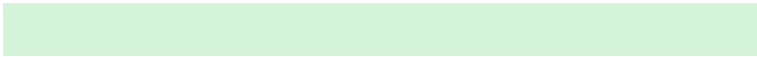
85, 18.130, 281.100

Rectangle

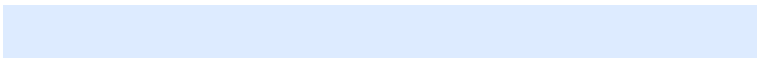
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 17.843, 96.580



93, 17.843, 146.580



93, 17.843, 276.580



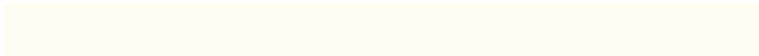
93, 17.843, 326.580

Sweetspot

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



93, 17.845, 96.588



99, 5.090, 98.104



85, 17.153, 2.550



53, 3.475, 98.026



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, 17.845, 96.588



96, 22.622, 96.090



95, 22.865, 119.443



50, 5.617, 97.597



62, 66.700, 85.468



19, 27.587, 87.946

Inverse Universe

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



85, 18.130, 281.100



85, 23.069, 281.735



83, 23.709, 301.755



48, 5.671, 279.911



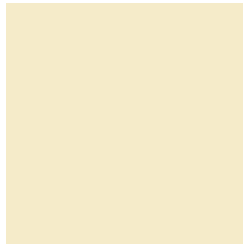
27, 89.619, 301.509



5, 33.471, 295.166

Previews

White Background



This preview shows how the CIELCh color 93, 17.843, 96.580 looks on a white background.

Color Contrast Check

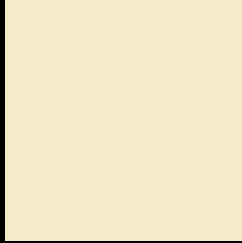
Large Text (above 18pt) WCAG AA × Fail

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, 17.843, 96.580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

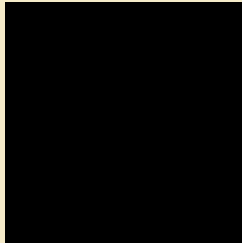
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 17.843, 96.580

Background



This preview shows how black text looks on a background with the CIELCh color 93, 17.843, 96.580.

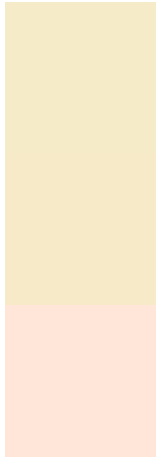


This preview shows how white text looks on a background with the CIELCh color 93, 17.843, 96.580.

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, 17.843, 96.580

Protanopia

93, 17.639, 92.658

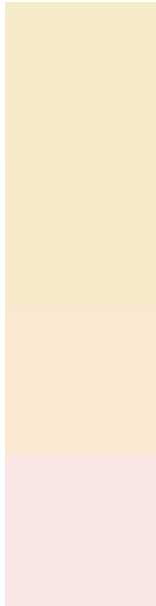
Deuteranopia

93, 11.433, 55.515



Tritanopia
93, 12.386, 331.697

Trichromacy



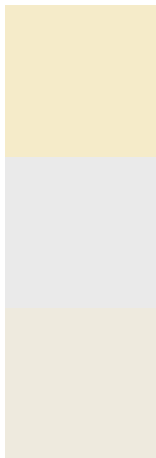
Original Color
93, 17.843, 96.580

Protanomaly
93, 17.536, 93.851

Deuteranomaly
93, 12.920, 76.035

Tritanomaly
93, 6.521, 24.270

Monochromacy



Original Color
93, 17.843, 96.580

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, 17.843, 96.580 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(245, 235, 201)` looks like.

```
.text, #text, p{  
    color:rgb(245, 235, 201)  
}
```

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(245, 235, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 235, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 17.843, 96.580 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(245, 235, 201) }
```

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

```
.border{ border-color:rgb(245, 235, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 235, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 235, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 235, 201);  
box-shadow:4px 4px 4px 4px rgb(245, 235,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 17.843, 96.580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 235, 201) }
```

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

```
.background{ background-color: rgb(245,  
235, 201) }
```

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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