

Converting Colors

CIELCh(93, 21.521, 89.547)

Have a look what the booklet for
CIELCh(93, 21.521, 89.547) contains.

CIELCh(93, 21.321, 88.626)	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(93, 21.321, 88.626)

Conversions

Conversions Part 1

Format	Color
Hex	FCE9C2
RGB	252, 233, 194
RGB Percent	99%, 91%, 76%
CMY	0.0113, 0.0858, 0.2387
CMYK	0.00, 0.08, 0.23, 0.01
HSL	40°, 91%, 87%
HSV	40°, 23%, 99%
XYZ	79.1154, 82.9670, 62.9537
YIQ	234.2350, 23.8430, -8.1010

Conversions

Conversions Part 2

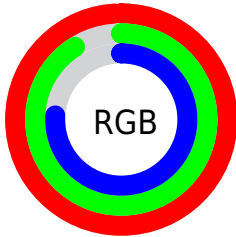
Format	Color
R _{YB}	222, 252, 194
Decimal	16574914
CIE Lab	93.00, 0.51, 21.31
CIE LCh	93, 21.321, 88.626
Yxy	82.9670, 0.3516, 0.3687
Android (android.graphics.Color)	4294764994 (0xFFFC9C2)
YUV	234.2350, -19.8359, 15.5799
Hunter-Lab	91.0862, -4.3600, 22.7824

Details

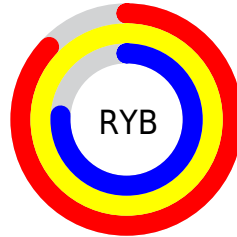
The CIELCh color **93, 21.321, 88.626** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **85, 21.247, 274.978**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 2.017, 109.989**, and **73, 21.322, 88.016** is the 20% darker color. If you saturate the color by 10%, you get **90, 30.881, 87.288**, and if you desaturate by 10%, it is **96, 11.928, 89.931**.

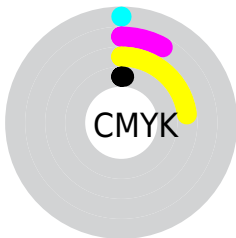
Distribution



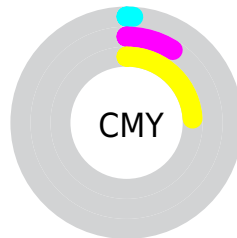
- Red (99%)
- Green (91%)
- Blue (76%)



- Red (87%)
- Yellow (99%)
- Blue (76%)



- Cyan (0%)
- Magenta (8%)
- Yellow (23%)
- Black (1%)



- Cyan (1%)
- Magenta (9%)
- Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 21.321, 88.626 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, 21.321, 88.626 by changing the saturation by 10% instead.

 93, 21.321, 88.626

 93, 21.321, 88.626

 100, 21.321,
88.626

 83, 21.321, 88.626

 73, 21.321, 88.626

 63, 21.321, 88.626

 53, 21.321, 88.626

 43, 21.321, 88.626

 33, 21.321, 88.626

 23, 21.321, 88.626

 13, 21.321, 88.626

 3, 21.321, 88.626

93, 21.321, 88.626

93, 21.321, 88.626

90, 30.881, 87.288

96, 11.928, 89.931

88, 40.544, 85.901

98, 2.720, 91.114

86, 50.183, 84.469

100, 0.999,
200.006

83, 59.548, 82.974

81, 68.183, 81.370

79, 75.340, 79.562

77, 80.052, 77.383

76, 81.828, 75.599

Harmonies

Complementary

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



93, 21.321, 88.626



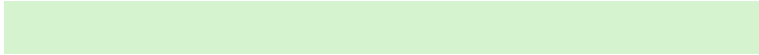
85, 21.247, 274.978

Rectangle

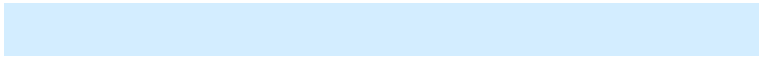
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 21.321, 88.626



93, 21.321, 138.626



93, 21.321, 268.626



93, 21.321, 318.626

Sweetspot

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



93, 21.322, 88.633



98, 6.433, 90.674



84, 23.657, 356.076



52, 4.183, 90.602



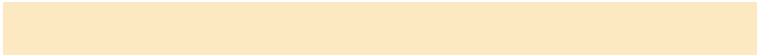
0, 0.000, 0.000



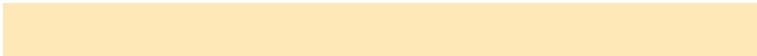
53, 0.007, 296.813

Same Dimension

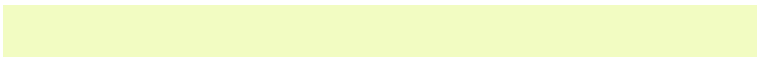
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 21.322, 88.633



93, 26.319, 87.965



97, 29.553, 115.021



51, 5.155, 90.372



58, 65.839, 76.148



18, 27.027, 78.934

Inverse Universe

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



85, 21.247, 274.978



83, 26.207, 275.887



81, 31.121, 298.665



49, 5.157, 272.869



32, 78.845, 296.977



8, 30.868, 291.561

Previews

White Background



This preview shows how the CIE LCh color 93, 21.321, 88.626 looks on a white background.

Color Contrast Check

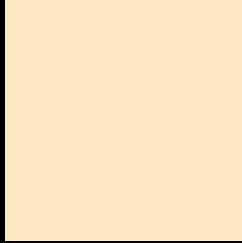
Large Text (above 18pt) WCAG AA × Fail

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, 21.321, 88.626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

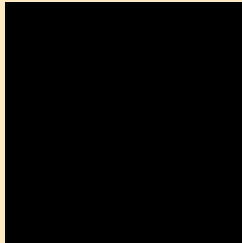
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 21.321, 88.626

Background



This preview shows how black text looks on a background with the CIELCh color 93, 21.321, 88.626.

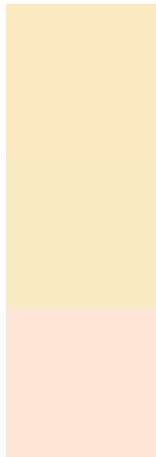


This preview shows how white text looks on a background with the CIELCh color 93, 21.321, 88.626.

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, 21.321, 88.626

Protanopia

93, 20.715, 93.642

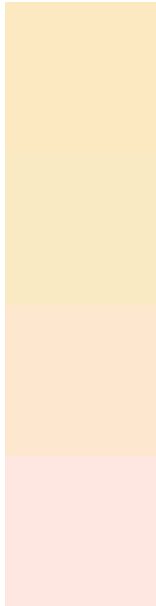
Deuteranopia

93, 12.092, 59.327



Tritanopia
93, 12.358, 341.588

Trichromacy



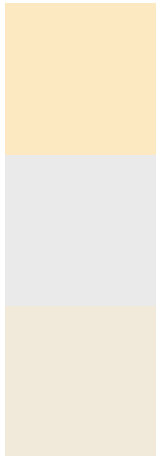
Original Color
93, 21.321, 88.626

Protanomaly
93, 20.929, 91.609

Deuteranomaly
93, 15.094, 74.218

Tritanomaly
93, 9.138, 36.201

Monochromacy



Original Color
93, 21.321, 88.626

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 8.110, 91.155

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 21.321, 88.626 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, 233, 194)` looks like.

```
.text, #text, p{  
    color:rgb(252, 233, 194)  
}
```

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, 233, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 233, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 21.321, 88.626 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, 233, 194) }
```

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

```
.border{ border-color:rgb(252, 233, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 233, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 233, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 233, 194);  
box-shadow:4px 4px 4px 4px rgb(252, 233,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 21.321, 88.626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 233, 194) }
```

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

```
.background{ background-color: rgb(252,  
233, 194) }
```

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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