

Converting Colors

CIELCh(93, 33.514, 93.763)

Have a look what the booklet for
CIELCh(93, 33.514, 93.763) contains.

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Color

CIELCh(93, 33.673, 93.965)

Conversions

Conversions Part 1

Format	Color
Hex	FEEAAA
RGB	254, 234, 170
RGB Percent	100%, 92%, 67%
CMY	0.0032, 0.0816, 0.3326
CMYK	0.00, 0.08, 0.33, 0.00
HSL	46°, 98%, 83%
HSV	46°, 33%, 100%
XYZ	77.6911, 82.9670, 50.0373
YIQ	232.6840, 32.4640, -15.6640

Conversions

Conversions Part 2

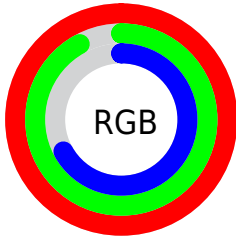
Format	Color
R _Y B	196, 254, 170
Decimal	16706218
CIE Lab	93.00, -2.33, 33.59
CIE LCh	93, 33.673, 93.965
Yxy	82.9670, 0.3687, 0.3938
Android (android.graphics.Color)	4294896298 (0xFFFEAAA)
YUV	232.6840, -30.9032, 18.6941
Hunter-Lab	91.0862, -7.1512, 31.1900

Details

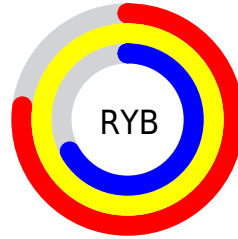
The CIELCh color **93, 33.673, 93.965** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **78, 34.647, 283.015**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 14.673, 109.069**, and **73, 33.585, 93.816** is the 20% darker color. If you saturate the color by 10%, you get **91, 43.904, 92.676**, and if you desaturate by 10%, it is **95, 23.401, 95.233**.

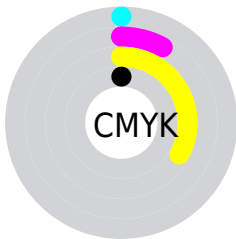
Distribution



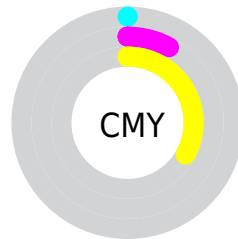
- Red (100%)
- Green (92%)
- Blue (67%)



- Red (77%)
- Yellow (100%)
- Blue (67%)



- Cyan (0%)
- Magenta (8%)
- Yellow (33%)
- Black (0%)



- Cyan (0%)
- Magenta (8%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 33.673, 93.965 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, 33.673, 93.965 by changing the saturation by 10% instead.

 93, 33.673, 93.965

 93, 33.673, 93.965

 100, 33.673,
93.965

 83, 33.673, 93.965

 73, 33.673, 93.965

 63, 33.673, 93.965

 53, 33.673, 93.965

 43, 33.673, 93.965

 33, 33.673, 93.965

 23, 33.673, 93.965

 13, 33.673, 93.965

 3, 33.673, 93.965

93, 33.673, 93.965

93, 33.673, 93.965

91, 43.904, 92.676

95, 23.401, 95.233

89, 53.919, 91.355

97, 13.179, 96.458

88, 63.413, 90.001

99, 3.054, 97.596

86, 71.876, 88.595

100, 0.281,
201.750

84, 78.548, 87.089

83, 82.574, 85.393

82, 83.830, 84.075

Harmonies

Complementary

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



93, 33.673, 93.965



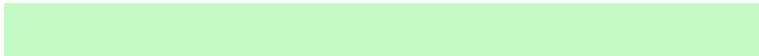
78, 34.647, 283.015

Rectangle

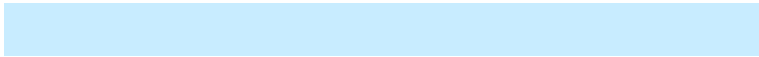
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 33.673, 93.965



93, 33.673, 143.965



93, 33.673, 273.965



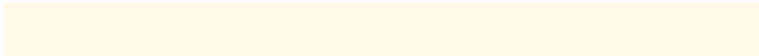
93, 33.673, 323.965

Sweetspot

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



93, 33.674, 93.970



98, 10.104, 96.821



78, 33.677, 3.382



52, 6.900, 96.654



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

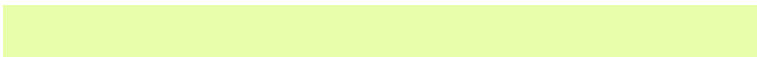
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 33.674, 93.970



92, 40.901, 93.073



97, 42.923, 117.811



52, 5.743, 96.879



63, 67.778, 84.447



21, 29.681, 86.818

Inverse Universe

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



78, 34.647, 283.015



73, 42.462, 284.435



74, 46.143, 302.475



50, 5.793, 279.224



29, 90.395, 301.152



6, 36.158, 296.346

Previews

White Background



This preview shows how the CIE LCh color 93, 33.673, 93.965 looks on a white background.

Color Contrast Check

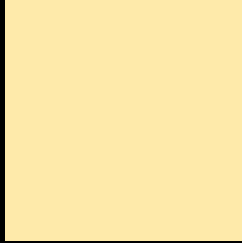
Large Text (above 18pt) WCAG AA × Fail

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, 33.673, 93.965 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, 33.673, 93.965

Background



This preview shows how black text looks on a background with the CIELCh color 93, 33.673, 93.965.



This preview shows how white text looks on a background with the CIELCh color 93, 33.673, 93.965.

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, 33.673, 93.965

Protanopia

93, 33.953, 95.426

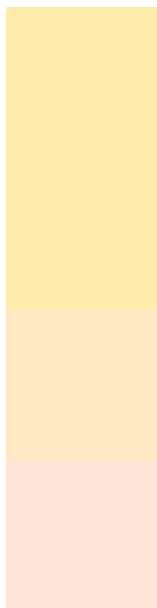
Deuteranopia

93, 14.072, 69.597



Tritanopia
93, 11.481, 347.659

Trichromacy



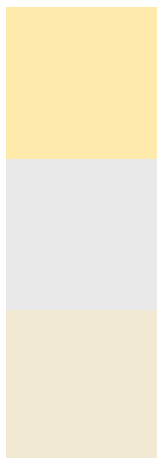
Original Color
93, 33.673, 93.965

Protanomaly
93, 33.953, 95.426

Deuteranomaly
93, 20.515, 83.304

Tritanomaly
93, 12.092, 59.327

Monochromacy



Original Color
93, 33.673, 93.965

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 12.186, 95.126

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 33.673, 93.965 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(254, 234, 170)` looks like.

```
.text, #text, p{  
    color:rgb(254, 234, 170)  
}
```

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(254, 234, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 234, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 33.673, 93.965 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(254, 234, 170) }
```

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

```
.border{ border-color:rgb(254, 234, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 234, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 234, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 234, 170); box-shadow:4px 4px 4px 4px rgb(254, 234, 170) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 33.673, 93.965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 234, 170) }
```

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

```
.background{ background-color: rgb(254,  
234, 170) }
```

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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