

Converting Colors

CIELCh(93, 29.869, 91.400)

Have a look what the booklet for
CIELCh(93, 29.869, 91.400) contains.

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Color

CIELCh(93, 29.502, 90.923)

Conversions

Conversions Part 1

Format	Color
Hex	FFE9B2
RGB	255, 233, 178
RGB Percent	100%, 91%, 70%
CMY	0.0000, 0.0852, 0.3009
CMYK	0.00, 0.09, 0.30, 0.00
HSL	43°, 100%, 85%
HSV	43°, 30%, 100%
XYZ	78.6186, 82.9670, 54.1260
YIQ	233.3080, 30.7670, -12.4410

Conversions

Conversions Part 2

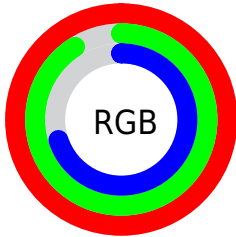
Format	Color
R_{YB}	209, 255, 178
Decimal	16771506
CIE _{Lab}	93.00, -0.48, 29.50
CIE _{LCh}	93, 29.502, 90.923
Yxy	82.9670, 0.3645, 0.3846
Android (android.graphics.Color)	4294961586 (0xFFFFE9B2)
YUV	233.3080, -27.2668, 19.0239
Hunter-Lab	91.0862, -5.3335, 28.5286

Details

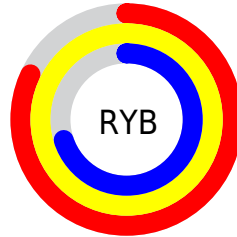
The CIELCh color **93, 29.502, 90.923** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **81, 29.803, 279.511**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 10.630, 109.373**, and **73, 29.253, 90.745** is the 20% darker color. If you saturate the color by 10%, you get **91, 39.456, 89.794**, and if you desaturate by 10%, it is **95, 19.543, 92.430**.

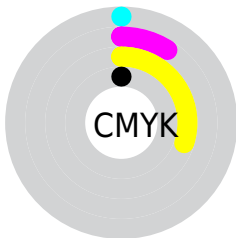
Distribution



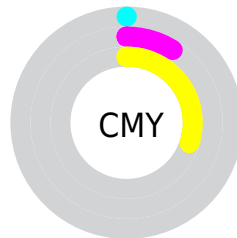
- Red (100%)
- Green (91%)
- Blue (70%)



- Red (82%)
- Yellow (100%)
- Blue (70%)



- Cyan (0%)
- Magenta (9%)
- Yellow (30%)
- Black (0%)



- Cyan (0%)
- Magenta (9%)
- Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 29.502, 90.923 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, 29.502, 90.923 by changing the saturation by 10% instead.

 93, 29.502, 90.923

 93, 29.502, 90.923

 100, 29.502,
90.923

 83, 29.502, 90.923

 73, 29.502, 90.923

 63, 29.502, 90.923

 53, 29.502, 90.923

 43, 29.502, 90.923

 33, 29.502, 90.923

 23, 29.502, 90.923

 13, 29.502, 90.923

 3, 29.502, 90.923

93, 29.502, 90.923

93, 29.502, 90.923

91, 39.456, 89.794

95, 19.543, 92.430

89, 49.376, 88.418

98, 9.737, 93.680

87, 58.994, 86.998

100, 0.079, 91.787

85, 67.892, 85.506

100, 0.012,
296.813

83, 75.388, 83.885

81, 80.572, 82.023

79, 83.007, 79.838

Harmonies

Complementary

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



93, 29.502, 90.923



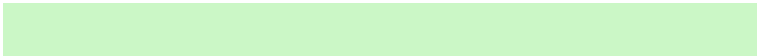
81, 29.803, 279.511

Rectangle

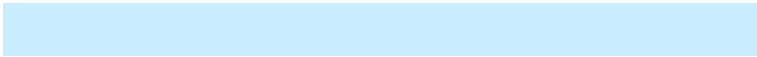
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 29.502, 90.923



93, 29.502, 140.923



93, 29.502, 270.923



93, 29.502, 320.923

Sweetspot

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



93, 29.470, 91.132



98, 8.673, 93.813



80, 30.924, 0.521



52, 6.034, 93.636



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

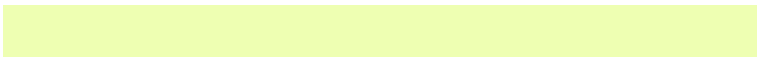
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 29.470, 91.132



92, 35.367, 90.346



97, 39.081, 116.611



52, 5.481, 93.752



61, 66.925, 80.298



20, 28.856, 82.940

Inverse Universe

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



81, 29.803, 279.511



77, 35.897, 280.689



77, 41.796, 301.084



50, 5.507, 276.180



30, 85.164, 299.243



7, 34.167, 294.422

Previews

White Background



This preview shows how the CIE LCh color 93, 29.502, 90.923 looks on a white background.

Color Contrast Check

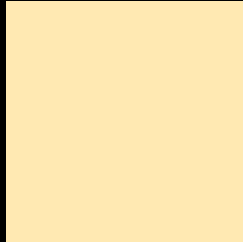
Large Text (above 18pt) WCAG AA × Fail

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, 29.502, 90.923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

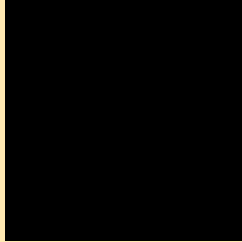
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 29.502, 90.923

Background



This preview shows how black text looks on a background with the CIELCh color 93, 29.502, 90.923.



This preview shows how white text looks on a background with the CIELCh color 93, 29.502, 90.923.

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, 29.502, 90.923

Protanopia

93, 29.326, 95.589

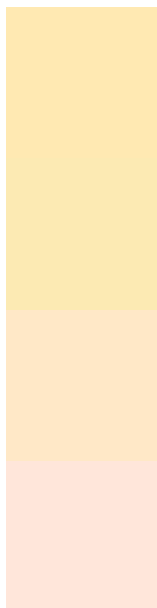
Deuteranopia

93, 13.670, 68.300



Tritanopia
93, 11.481, 347.659

Trichromacy



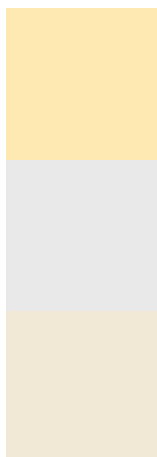
Original Color
93, 29.502, 90.923

Protanomaly
93, 29.040, 93.906

Deuteranomaly
93, 19.117, 81.550

Tritanomaly
93, 11.126, 53.440

Monochromacy



Original Color
93, 29.502, 90.923

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 10.691, 93.307

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 29.502, 90.923 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(255, 233, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 178)  
}
```

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(255, 233, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 29.502, 90.923 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(255, 233, 178) }
```

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

```
.border{ border-color:rgb(255, 233, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 233, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 233, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 233, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 233,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 29.502, 90.923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 233, 178) }
```

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

```
.background{ background-color: rgb(255,  
233, 178) }
```

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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