

Converting Colors

CIELCh(100, 48.879, 54.387)

Have a look what the booklet for
CIELCh(100, 48.879, 54.387)
contains.

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Color

CIELCh(93, 29.014, 90.692)

Conversions

Conversions Part 1

Format	Color
Hex	FFE9B3
RGB	255, 233, 179
RGB Percent	100%, 91%, 70%
CMY	0.0000, 0.0854, 0.2972
CMYK	0.00, 0.09, 0.30, 0.00
HSL	43°, 100%, 85%
HSV	43°, 30%, 100%
XYZ	78.6814, 82.9670, 54.6259
YIQ	233.4220, 30.4460, -12.1300

Conversions

Conversions Part 2

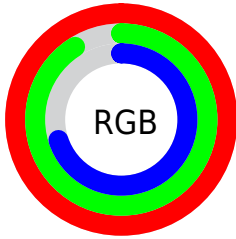
Format	Color
R _Y B	210, 255, 179
Decimal	16771507
CIE Lab	93.00, -0.35, 29.01
CIE LCh	93, 29.014, 90.692
Yxy	82.9670, 0.3638, 0.3836
Android (android.graphics.Color)	4294961587 (0xFFFFE9B3)
YUV	233.4220, -26.8300, 18.9239
Hunter-Lab	91.0862, -5.2105, 28.2032

Details

The CIELCh color **93, 29.014, 90.692** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **81, 29.269, 279.148**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 10.124, 109.411**, and **73, 28.743, 90.519** is the 20% darker color. If you saturate the color by 10%, you get **91, 38.947, 89.525**, and if you desaturate by 10%, it is **95, 19.097, 92.166**.

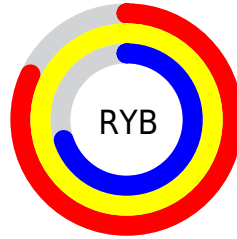
Distribution



Red (100%)

Green (91%)

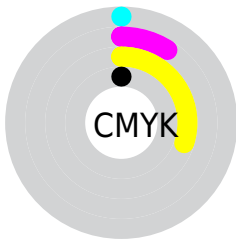
Blue (70%)



Red (82%)

Yellow (100%)

Blue (70%)

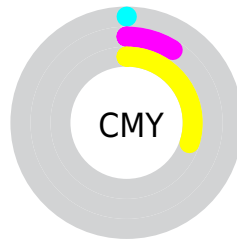


Cyan (0%)

Magenta (9%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 29.014, 90.692 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, 29.014, 90.692 by changing the saturation by 10% instead.

 93, 29.014, 90.692

 93, 29.014, 90.692

 100, 29.014,
90.692

 83, 29.014, 90.692

 73, 29.014, 90.692

 63, 29.014, 90.692

 53, 29.014, 90.692

 43, 29.014, 90.692

 33, 29.014, 90.692

 23, 29.014, 90.692

 13, 29.014, 90.692

 3, 29.014, 90.692

93, 29.014, 90.692

93, 29.014, 90.692

91, 38.947, 89.525

95, 19.097, 92.166

89, 48.855, 88.146

98, 9.333, 93.417

86, 58.483, 86.721

100, 0.012,
296.813

84, 67.424, 85.225

83, 75.008, 83.598

81, 80.327, 81.727

79, 82.880, 79.499

79, 82.939, 79.436

Harmonies

Complementary

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



93, 29.014, 90.692



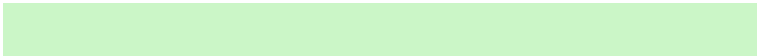
81, 29.269, 279.148

Rectangle

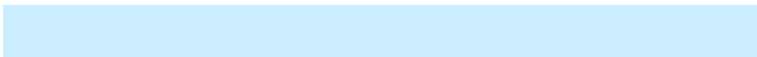
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 29.014, 90.692



93, 29.014, 140.692



93, 29.014, 270.692



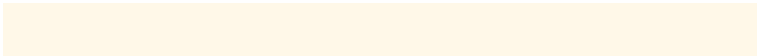
93, 29.014, 320.692

Sweetspot

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



93, 28.988, 90.865



98, 8.635, 93.504



81, 30.709, 359.281



52, 6.009, 93.328



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

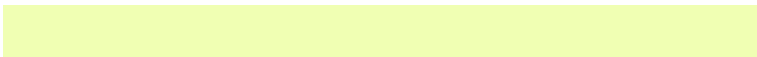
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 28.988, 90.865



92, 35.239, 90.028



97, 38.525, 115.937



52, 5.458, 93.443



61, 66.867, 79.904



20, 28.785, 82.564

Inverse Universe

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



81, 29.269, 279.148



77, 35.705, 280.400



77, 41.202, 300.488



50, 5.481, 275.880



31, 84.656, 299.047



7, 33.968, 294.214

Previews

White Background



This preview shows how the CIE LCh color 93, 29.014, 90.692 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, 29.014, 90.692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

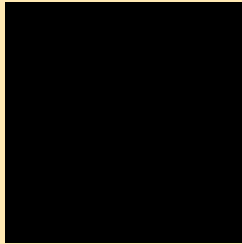
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 29.014, 90.692

Background



This preview shows how black text looks on a background with the CIELCh color 93, 29.014, 90.692.



This preview shows how white text looks on a background with the CIELCh color 93, 29.014, 90.692.

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, 29.014, 90.692

Protanopia

93, 28.830, 95.432

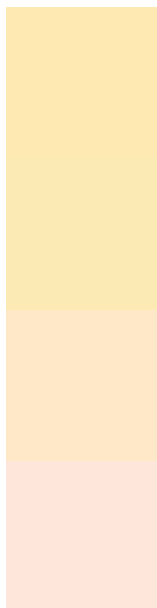
Deuteranopia

93, 13.275, 66.922



Tritanopia
93, 11.481, 347.659

Trichromacy



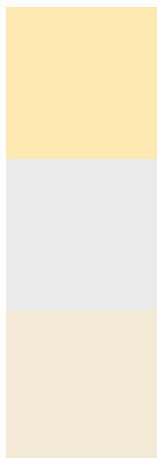
Original Color
93, 29.014, 90.692

Protanomaly
93, 28.546, 93.719

Deuteranomaly
93, 18.655, 80.903

Tritanomaly
93, 11.126, 53.440

Monochromacy



Original Color
93, 29.014, 90.692

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 10.683, 93.313

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 29.014, 90.692 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 29.014, 90.692 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, 179) }
```

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

```
.border{ border-color:rgb(255, 233, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 233, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 233, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 233,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 29.014, 90.692 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, 179) }
```

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

```
.background{ background-color: rgb(255,  
233, 179) }
```

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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