

Converting Colors

CIELCh(94, 29.413, 92.951)

Have a look what the booklet for
CIELCh(94, 29.413, 92.951) contains.

CIELCh(94, 29.464, 94.127)	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(94, 29.464, 94.127)

Conversions

Conversions Part 1

Format	Color
Hex	FFEDB5
RGB	255, 237, 181
RGB Percent	100%, 93%, 71%
CMY	0.0000, 0.0700, 0.2897
CMYK	0.00, 0.07, 0.29, 0.00
HSL	45°, 100%, 86%
HSV	45°, 29%, 100%
XYZ	79.9655, 85.2715, 56.0283
YIQ	235.9980, 28.7040, -13.6000

Conversions

Conversions Part 2

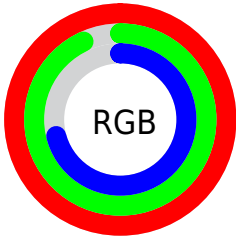
Format	Color
RYB	205, 255, 181
Decimal	16772533
CIELab	94.00, -2.12, 29.39
CIELCh	94, 29.464, 94.127
Yxy	85.2715, 0.3614, 0.3854
Android (android.graphics.Color)	4294962613 (0xFFFFEDB5)
YUV	235.9980, -27.1140, 16.6648
Hunter-Lab	92.3426, -7.0247, 28.6660

Details

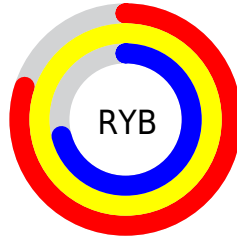
The CIELCh color **94, 29.464, 94.127** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **81, 30.136, 282.018**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 9.112, 109.487**, and **74, 29.188, 94.206** is the 20% darker color. If you saturate the color by 10%, you get **92, 39.715, 92.946**, and if you desaturate by 10%, it is **96, 19.197, 95.486**.

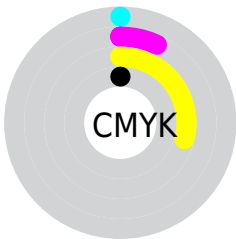
Distribution



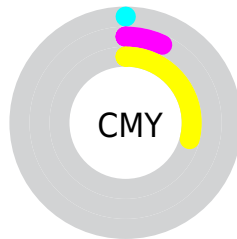
- Red (100%)
- Green (93%)
- Blue (71%)



- Red (80%)
- Yellow (100%)
- Blue (71%)



- Cyan (0%)
- Magenta (7%)
- Yellow (29%)
- Black (0%)



- Cyan (0%)
- Magenta (7%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 29.464, 94.127 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 94, 29.464, 94.127 by changing the saturation by 10% instead.

 94, 29.464, 94.127

 94, 29.464, 94.127

 100, 29.464,
94.127

 84, 29.464, 94.127

 74, 29.464, 94.127

 64, 29.464, 94.127

 54, 29.464, 94.127

 44, 29.464, 94.127

 34, 29.464, 94.127

 24, 29.464, 94.127

 14, 29.464, 94.127

 4, 29.464, 94.127

94, 29.464, 94.127

94, 29.464, 94.127

92, 39.715, 92.946

96, 19.197, 95.486

90, 49.851, 91.630

98, 9.021, 96.693

88, 59.620, 90.284

100, 0.012,
296.813

87, 68.603, 88.894

85, 76.141, 87.424

83, 81.369, 85.798

82, 83.748, 83.924

82, 83.926, 83.725

Harmonies

Complementary

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



94, 29.464, 94.127



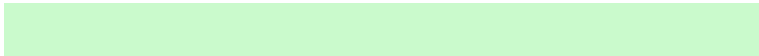
81, 30.136, 282.018

Rectangle

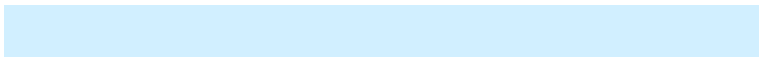
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 29.464, 94.127



94, 29.464, 144.127



94, 29.464, 274.127



94, 29.464, 324.127

Sweetspot

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



94, 29.452, 94.233



98, 9.052, 96.689



81, 29.395, 2.773



52, 6.296, 96.518



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

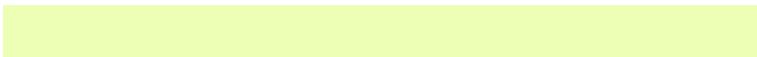
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 29.452, 94.233



93, 35.647, 93.460



97, 37.825, 118.068



52, 5.720, 96.630



63, 67.691, 84.108



21, 29.608, 86.505

Inverse Universe

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



81, 30.136, 282.018



77, 36.715, 283.168



78, 40.251, 302.097



50, 5.768, 278.983



29, 89.976, 301.006



7, 36.002, 296.205

Previews

White Background



This preview shows how the CIE LCh color 94, 29.464, 94.127 looks on a white background.

Color Contrast Check

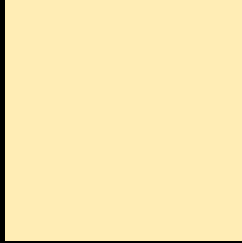
Large Text (above 18pt) WCAG AA × Fail

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 94, 29.464, 94.127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

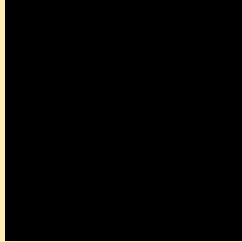
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 29.464, 94.127

Background



This preview shows how black text looks on a background with the CIELCh color 94, 29.464, 94.127.



This preview shows how white text looks on a background with the CIELCh color 94, 29.464, 94.127.

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

94, 29.464, 94.127

Protanopia

94, 29.369, 94.870

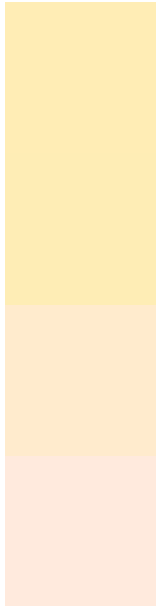
Deuteranopia

94, 11.304, 66.111



Tritanopia
94, 10.269, 343.197

Trichromacy



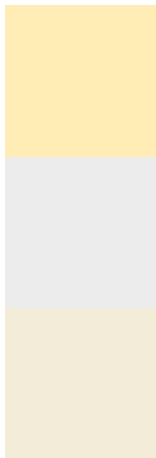
Original Color
94, 29.464, 94.127

Protanomaly
94, 29.369, 94.870

Deuteranomaly
94, 17.150, 82.853

Tritanomaly
94, 10.208, 60.405

Monochromacy



Original Color
94, 29.464, 94.127

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 10.571, 95.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 29.464, 94.127 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, 237, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 181)  
}
```

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, 237, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 29.464, 94.127 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, 237, 181) }
```

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

```
.border{ border-color:rgb(255, 237, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 237, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 29.464, 94.127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 237, 181) }
```

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

```
.background{ background-color: rgb(255,  
237, 181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor