

Converting Colors

CIELCh(100, 47.791, 61.741)

Have a look what the booklet for
CIELCh(100, 47.791, 61.741)
contains.

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Color

CIELCh(94, 32.916, 95.201)

Conversions

Conversions Part 1

Format	Color
Hex	FFEDAE
RGB	255, 237, 174
RGB Percent	100%, 93%, 68%
CMY	0.0000, 0.0687, 0.3159
CMYK	0.00, 0.07, 0.32, 0.00
HSL	47°, 100%, 84%
HSV	47°, 32%, 100%
XYZ	79.5275, 85.2715, 52.5447
YIQ	235.2000, 30.9510, -15.7770

Conversions

Conversions Part 2

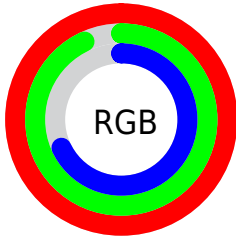
Format	Color
RYB	197, 255, 174
Decimal	16772526
CIELab	94.00, -2.98, 32.78
CIELCh	94, 32.916, 95.201
Yxy	85.2715, 0.3659, 0.3923
Android (android.graphics.Color)	4294962606 (0xFFFFEADAE)
YUV	235.2000, -30.1716, 17.3646
Hunter-Lab	92.3426, -7.8713, 30.9027

Details

The CIELCh color **94, 32.916, 95.201** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **78, 33.974, 283.979**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 12.652, 109.221**, and **74, 32.783, 95.190** is the 20% darker color. If you saturate the color by 10%, you get **92, 43.287, 94.274**, and if you desaturate by 10%, it is **96, 22.405, 96.771**.

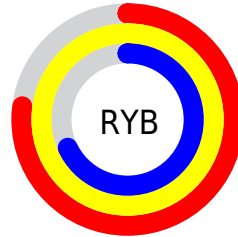
Distribution



Red (100%)

Green (93%)

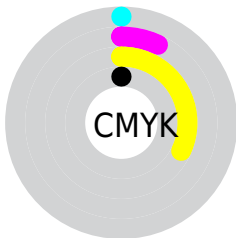
Blue (68%)



Red (77%)

Yellow (100%)

Blue (68%)

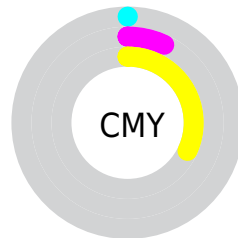


Cyan (0%)

Magenta (7%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 32.916, 95.201 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, 32.916, 95.201 by changing the saturation by 10% instead.

 94, 32.916, 95.201

 94, 32.916, 95.201

 100, 32.916,
95.201

 84, 32.916, 95.201

 74, 32.916, 95.201

 64, 32.916, 95.201

 54, 32.916, 95.201

 44, 32.916, 95.201

 34, 32.916, 95.201

 24, 32.916, 95.201

 14, 32.916, 95.201

 4, 32.916, 95.201

94, 32.916, 95.201

94, 32.916, 95.201

92, 43.287, 94.274

96, 22.405, 96.771

90, 53.475, 92.989

98, 11.970, 97.968

89, 63.146, 91.683

100, 1.620, 99.028

87, 71.811, 90.344

100, 0.012,
296.813

86, 78.746, 88.939

84, 83.106, 87.399

83, 84.674, 85.956

Harmonies

Complementary

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



94, 32.916, 95.201



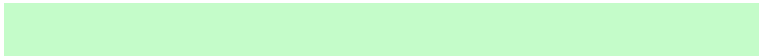
78, 33.974, 283.979

Rectangle

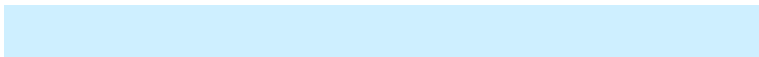
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 32.916, 95.201



94, 32.916, 145.201



94, 32.916, 275.201



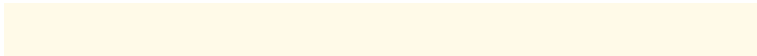
94, 32.916, 325.201

Sweetspot

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



94, 32.874, 95.536



98, 9.285, 98.269



79, 32.049, 4.388



52, 6.458, 98.100



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

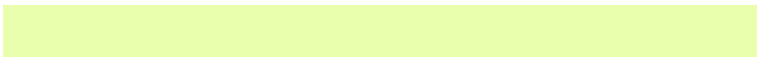
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 32.874, 95.536



93, 39.568, 94.729



97, 41.277, 118.590



52, 5.867, 98.211



64, 68.302, 86.292



21, 30.097, 88.502

Inverse Universe

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



78, 33.974, 283.979



74, 41.275, 285.236



76, 44.153, 302.891



50, 5.928, 280.516



28, 92.640, 301.910



6, 36.987, 297.065

Previews

White Background



This preview shows how the CIE LCh color 94, 32.916, 95.201 looks on a white background.

Color Contrast Check

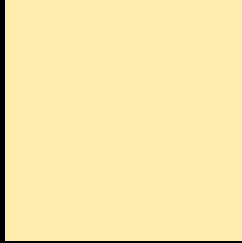
Large Text (above 18pt) WCAG AA × Fail

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, 32.916, 95.201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

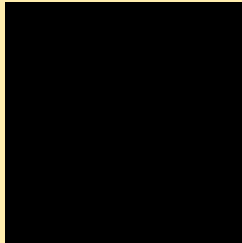
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 32.916, 95.201

Background



This preview shows how black text looks on a background with the CIELCh color 94, 32.916, 95.201.



This preview shows how white text looks on a background with the CIELCh color 94, 32.916, 95.201.

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, 32.916, 95.201

Protanopia

94, 32.423, 95.065

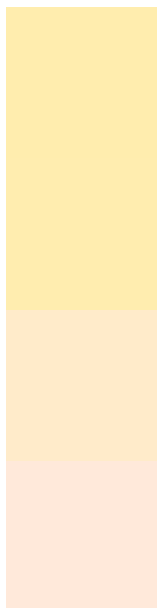
Deuteranopia

94, 11.692, 67.763



Tritanopia
94, 10.565, 344.400

Trichromacy



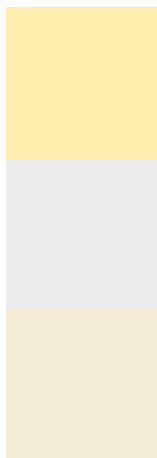
Original Color
94, 32.916, 95.201

Protanomaly
94, 32.423, 95.065

Deuteranomaly
94, 18.558, 84.729

Tritanomaly
94, 11.208, 62.994

Monochromacy



Original Color
94, 32.916, 95.201

Achromatopsia
93, 0.011, 296.813

Achromatomaly
94, 11.991, 98.596

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 32.916, 95.201 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, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 174)  
}
```

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, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 32.916, 95.201 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, 174) }
```

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

```
.border{ border-color:rgb(255, 237, 174) }
```

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, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 32.916, 95.201 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, 174) }
```

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

```
.background{ background-color: rgb(255,  
237, 174) }
```

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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