

Converting Colors

CIELCh(90, 32.083, 93.799)

Have a look what the booklet for
CIELCh(90, 32.083, 93.799) contains.

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Color

CIELCh(90, 32.303, 94.067)

Conversions

Conversions Part 1

Format	Color
Hex	F5E2A5
RGB	245, 226, 165
RGB Percent	96%, 89%, 65%
CMY	0.0404, 0.1148, 0.3540
CMYK	0.00, 0.08, 0.33, 0.04
HSL	46°, 80%, 80%
HSV	46°, 33%, 96%
XYZ	71.4385, 76.3034, 46.4301
YIQ	224.7270, 30.9050, -14.9430

Conversions

Conversions Part 2

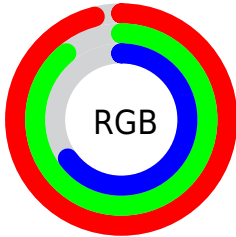
Format	Color
R_{YB}	190, 245, 165
Decimal	16114341
CIE _{Lab}	90.00, -2.29, 32.22
CIE _{LCh}	90, 32.303, 94.067
Yxy	76.3034, 0.3679, 0.3930
Android (android.graphics.Color)	4294304421 (0xFFFF5E2A5)
YUV	224.7270, -29.4454, 17.7794
Hunter-Lab	87.3518, -6.8838, 29.6318

Details

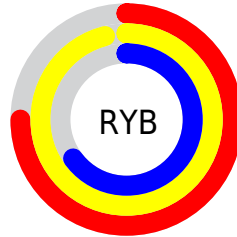
The CIELCh color **90, 32.303, 94.067** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **75, 33.228, 282.973**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 17.699, 108.839**, and **70, 32.167, 93.963** is the 20% darker color. If you saturate the color by 10%, you get **88, 42.233, 92.783**, and if you desaturate by 10%, it is **92, 22.338, 95.330**.

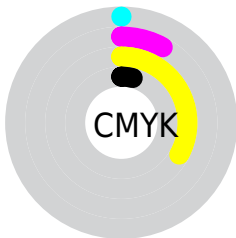
Distribution



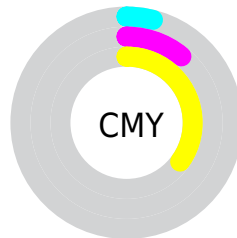
- Red (96%)
- Green (89%)
- Blue (65%)



- Red (75%)
- Yellow (96%)
- Blue (65%)



- Cyan (0%)
- Magenta (8%)
- Yellow (33%)
- Black (4%)



- Cyan (4%)
- Magenta (11%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 32.303, 94.067 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 90, 32.303, 94.067 by changing the saturation by 10% instead.

90, 32.303, 94.067

90, 32.303, 94.067

100, 32.303,
94.067

80, 32.303, 94.067

70, 32.303, 94.067

60, 32.303, 94.067

50, 32.303, 94.067

40, 32.303, 94.067

30, 32.303, 94.067

20, 32.303, 94.067

10, 32.303, 94.067

0, 32.303, 94.067

90, 32.303, 94.067

90, 32.303, 94.067

88, 42.233, 92.783

92, 22.338, 95.330

86, 51.961, 91.466

94, 12.423, 96.550

85, 61.202, 90.119

96, 2.604, 97.674

83, 69.474, 88.721

98, 3.402, 264.856

81, 76.054, 87.228

99, 3.477, 201.356

80, 80.111, 85.553

99, 3.558, 199.366

79, 81.482, 84.182

Harmonies

Complementary

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



90, 32.303, 94.067



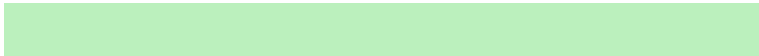
75, 33.228, 282.973

Rectangle

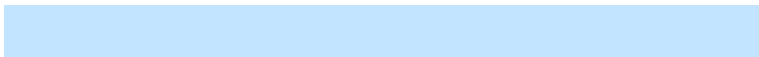
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 32.303, 94.067



90, 32.303, 144.067



90, 32.303, 274.067



90, 32.303, 324.067

Sweetspot

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



90, 32.304, 94.072



98, 10.111, 96.865



76, 32.268, 3.315



52, 6.905, 96.699



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

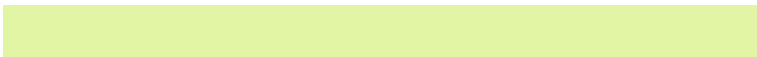
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 32.304, 94.072



92, 39.900, 93.250



93, 41.169, 117.838



50, 5.557, 96.928



61, 66.453, 84.549



19, 27.383, 87.094

Inverse Universe

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



75, 33.228, 282.973



74, 41.376, 284.262



72, 44.209, 302.434



48, 5.606, 279.263



28, 88.512, 301.123



6, 33.128, 294.846

Previews

White Background



This preview shows how the CIE LCh color 90, 32.303, 94.067 looks on a white background.

Color Contrast Check

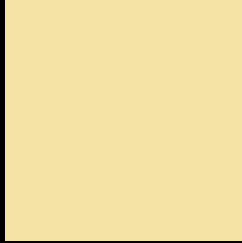
Large Text (above 18pt) WCAG AA × Fail

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 90, 32.303, 94.067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

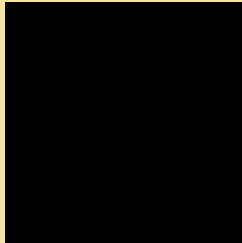
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

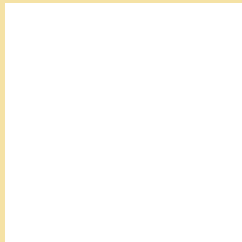
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 32.303, 94.067

Background



This preview shows how black text looks on a background with the CIELCh color 90, 32.303, 94.067.

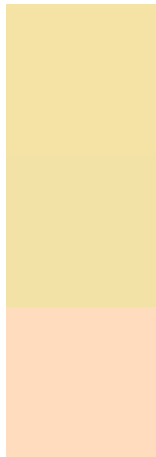


This preview shows how white text looks on a background with the CIELCh color 90, 32.303, 94.067.

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

90, 32.303, 94.067

Protanopia

90, 32.116, 95.452

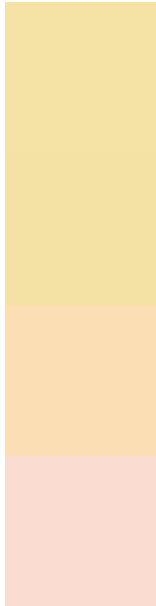
Deuteranopia

90, 21.127, 68.949



Tritanopia
90, 15.676, 346.408

Trichromacy



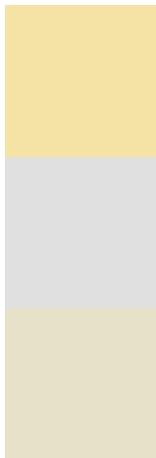
Original Color
90, 32.303, 94.067

Protanomaly
90, 32.207, 94.758

Deuteranomaly
90, 24.601, 80.909

Tritanomaly
90, 12.610, 46.796

Monochromacy



Original Color
90, 32.303, 94.067

Achromatopsia
89, 0.011, 296.813

Achromatomaly
90, 12.183, 96.792

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 32.303, 94.067 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(245, 226, 165)` looks like.

```
.text, #text, p{  
    color:rgb(245, 226, 165)  
}
```

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(245, 226, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 226, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 32.303, 94.067 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(245, 226, 165) }
```

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

```
.border{ border-color:rgb(245, 226, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 226, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 226, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 226, 165); box-shadow:4px 4px 4px 4px rgb(245, 226, 165) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 32.303, 94.067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 226, 165) }
```

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

```
.background{ background-color: rgb(245,  
226, 165) }
```

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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