

Converting Colors

CIELCh(94, 19.338, 91.146)

Have a look what the booklet for
CIELCh(94, 19.338, 91.146) contains.

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Color

CIELCh(94, 19.292, 91.594)

Conversions

Conversions Part 1

Format	Color
Hex	FCEDC9
RGB	252, 237, 201
RGB Percent	99%, 93%, 79%
CMY	0.0128, 0.0716, 0.2127
CMYK	0.00, 0.06, 0.20, 0.01
HSL	42°, 89%, 89%
HSV	42°, 20%, 99%
XYZ	80.7732, 85.2715, 67.3061
YIQ	237.3810, 20.4960, -8.0160

Conversions

Conversions Part 2

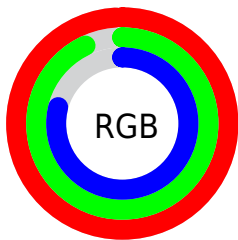
Format	Color
R _Y B	222, 252, 201
Decimal	16575945
CIE Lab	94.00, -0.54, 19.28
CIE LCh	94, 19.292, 91.594
Yxy	85.2715, 0.3461, 0.3654
Android (android.graphics.Color)	4294766025 (0xFFFCEDC9)
YUV	237.3810, -17.9358, 12.8209
Hunter-Lab	92.3426, -5.4635, 21.4249

Details

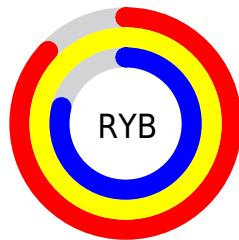
The CIELCh color **94, 19.292, 91.594** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 19.384, 277.006**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 19.159, 91.260** is the 20% darker color. If you saturate the color by 10%, you get **92, 29.037, 90.294**, and if you desaturate by 10%, it is **96, 9.682, 92.860**.

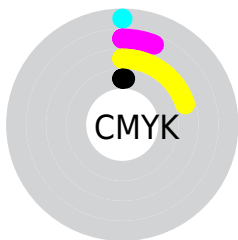
Distribution



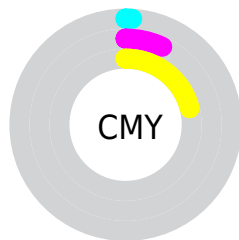
- Red (99%)
- Green (93%)
- Blue (79%)



- Red (87%)
- Yellow (99%)
- Blue (79%)



- Cyan (0%)
- Magenta (6%)
- Yellow (20%)
- Black (1%)



- Cyan (1%)
- Magenta (7%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 19.292, 91.594 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, 19.292, 91.594 by changing the saturation by 10% instead.

 94, 19.292, 91.594

 94, 19.292, 91.594

 100, 19.292,
91.594

 84, 19.292, 91.594

 74, 19.292, 91.594

 64, 19.292, 91.594

 54, 19.292, 91.594

 44, 19.292, 91.594

 34, 19.292, 91.594

 24, 19.292, 91.594

 14, 19.292, 91.594

 4, 19.292, 91.594

94, 19.292, 91.594

94, 19.292, 91.594

92, 29.037, 90.294

96, 9.682, 92.860

89, 38.855, 88.946

99, 0.227, 92.991

87, 48.626, 87.558

100, 1.133,
199.918

85, 58.122, 86.122

83, 66.934, 84.609

81, 74.387, 82.955

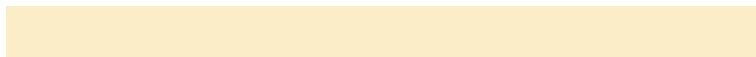
79, 79.573, 81.040

78, 82.039, 78.818

Harmonies

Complementary

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



94, 19.292, 91.594



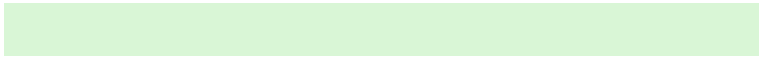
86, 19.384, 277.006

Rectangle

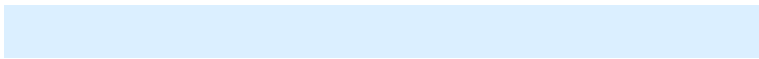
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 19.292, 91.594



94, 19.292, 141.594



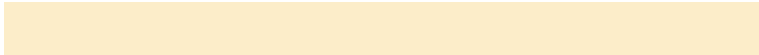
94, 19.292, 271.594



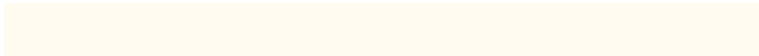
94, 19.292, 321.594

Sweetspot

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



94, 19.293, 91.602



99, 5.699, 93.368



86, 20.398, 358.037



52, 3.783, 93.292



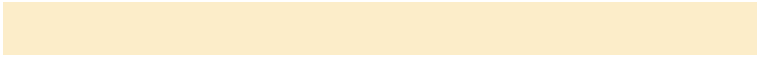
0, 0.000, 0.000



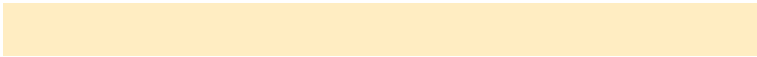
53, 0.007, 296.813

Same Dimension

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



94, 19.293, 91.602



94, 23.171, 91.115



97, 26.110, 116.597



51, 5.331, 92.953



60, 66.121, 79.305



19, 27.532, 82.042

Inverse Universe

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



86, 19.384, 277.006



85, 23.300, 277.640



83, 27.282, 299.576



49, 5.351, 275.396



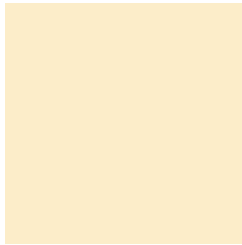
30, 82.936, 298.698



7, 32.388, 293.366

Previews

White Background



This preview shows how the CIE LCh color 94, 19.292, 91.594 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, 19.292, 91.594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

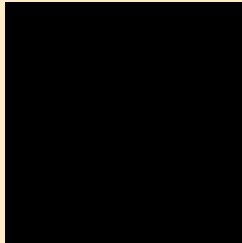
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 19.292, 91.594

Background



This preview shows how black text looks on a background with the CIELCh color 94, 19.292, 91.594.

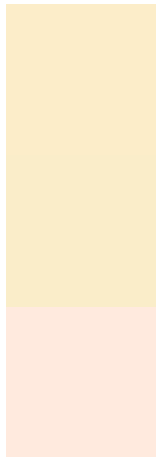


This preview shows how white text looks on a background with the CIELCh color 94, 19.292, 91.594.

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, 19.292, 91.594

Protanopia

94, 19.079, 93.782

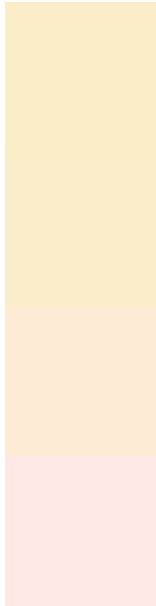
Deuteranopia

94, 9.870, 58.224



Tritanopia
94, 11.865, 336.301

Trichromacy



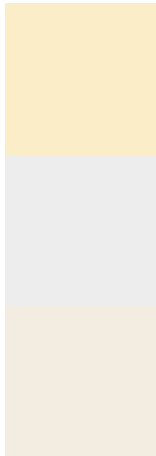
Original Color
94, 19.292, 91.594

Protanomaly
94, 19.182, 92.682

Deuteranomaly
94, 12.885, 76.058

Tritanomaly
94, 7.763, 31.241

Monochromacy



Original Color
94, 19.292, 91.594

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 6.897, 94.386

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 19.292, 91.594 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(252, 237, 201)` looks like.

```
.text, #text, p{  
    color:rgb(252, 237, 201)  
}
```

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(252, 237, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 237, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 19.292, 91.594 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(252, 237, 201) }
```

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

```
.border{ border-color:rgb(252, 237, 201) }
```

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

Here you see how a box with a 4 pixel rgb(252, 237, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 237, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 237, 201);  
box-shadow:4px 4px 4px 4px rgb(252, 237,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 19.292, 91.594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 237, 201) }
```

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

```
.background{ background-color: rgb(252,  
237, 201) }
```

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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