

Converting Colors

CIELCh(94, 19.882, 90.922)

Have a look what the booklet for
CIELCh(94, 19.882, 90.922) contains.

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Color

CIELCh(94, 19.898, 90.912)

Conversions

Conversions Part 1

Format	Color
Hex	FDEDC8
RGB	253, 237, 200
RGB Percent	99%, 93%, 78%
CMY	0.0096, 0.0722, 0.2173
CMYK	0.00, 0.06, 0.21, 0.01
HSL	42°, 92%, 89%
HSV	42°, 21%, 99%
XYZ	80.8857, 85.2715, 66.5846
YIQ	237.5660, 21.4130, -8.1150

Conversions

Conversions Part 2

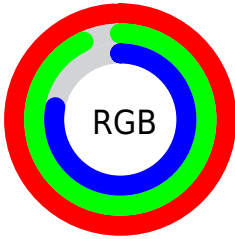
Format	Color
R _Y B	223, 253, 200
Decimal	16641480
CIE Lab	94.00, -0.32, 19.90
CIE LCh	94, 19.898, 90.912
Yxy	85.2715, 0.3475, 0.3664
Android (android.graphics.Color)	4294831560 (0xFFFD8C8)
YUV	237.5660, -18.5200, 13.5356
Hunter-Lab	92.3426, -5.2459, 21.8881

Details

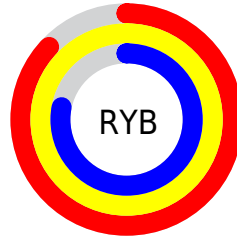
The CIELCh color **94, 19.898, 90.912** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 19.960, 276.564**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 19.799, 90.512** is the 20% darker color. If you saturate the color by 10%, you get **92, 29.621, 89.602**, and if you desaturate by 10%, it is **96, 10.317, 92.189**.

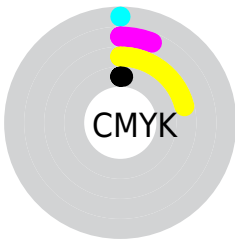
Distribution



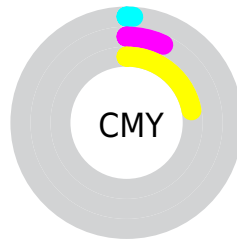
- Red (99%)
- Green (93%)
- Blue (78%)



- Red (87%)
- Yellow (99%)
- Blue (78%)



- Cyan (0%)
- Magenta (6%)
- Yellow (21%)
- Black (1%)



- Cyan (1%)
- Magenta (7%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 19.898, 90.912 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, 19.898, 90.912 by changing the saturation by 10% instead.

 94, 19.898, 90.912

 94, 19.898, 90.912

 100, 19.898,
90.912

 84, 19.898, 90.912

 74, 19.898, 90.912

 64, 19.898, 90.912

 54, 19.898, 90.912

 44, 19.898, 90.912

 34, 19.898, 90.912

 24, 19.898, 90.912

 14, 19.898, 90.912

 4, 19.898, 90.912

94, 19.898, 90.912

94, 19.898, 90.912

92, 29.621, 89.602

96, 10.317, 92.189

89, 39.422, 88.243

99, 0.899, 93.159

87, 49.179, 86.844

100, 0.847,
200.134

85, 58.659, 85.393

83, 67.437, 83.858

81, 74.820, 82.167

79, 79.879, 80.189

77, 82.144, 78.071

Harmonies

Complementary

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



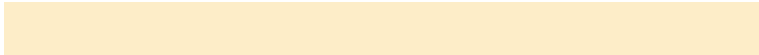
94, 19.898, 90.912



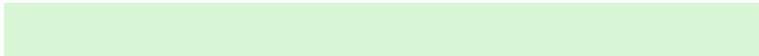
86, 19.960, 276.564

Rectangle

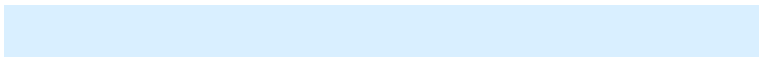
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 19.898, 90.912



94, 19.898, 140.912



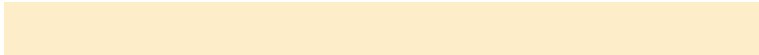
94, 19.898, 270.912



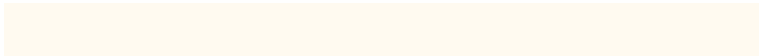
94, 19.898, 320.912

Sweetspot

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



94, 19.899, 90.920



98, 5.654, 92.788



85, 21.366, 356.968



52, 3.753, 92.712



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

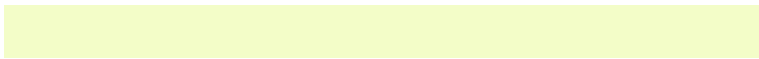
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 19.899, 90.920



94, 23.983, 90.393



97, 27.054, 115.860



52, 5.378, 92.369



60, 66.695, 78.550



20, 28.552, 81.263

Inverse Universe

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



86, 19.960, 276.564



84, 24.071, 277.257



83, 28.333, 299.053



50, 5.394, 274.830



31, 82.902, 298.350



8, 33.274, 293.457

Previews

White Background



This preview shows how the CIE LCh color 94, 19.898, 90.912 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, 19.898, 90.912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

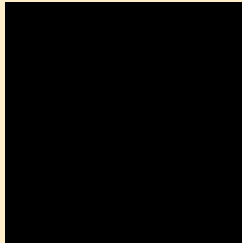
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 19.898, 90.912

Background



This preview shows how black text looks on a background with the CIELCh color 94, 19.898, 90.912.



This preview shows how white text looks on a background with the CIELCh color 94, 19.898, 90.912.

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, 19.898, 90.912

Protanopia

94, 19.675, 93.031

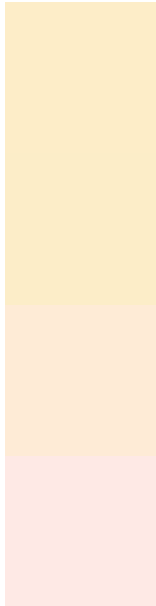
Deuteranopia

94, 9.870, 58.224



Tritanopia
94, 11.519, 338.149

Trichromacy



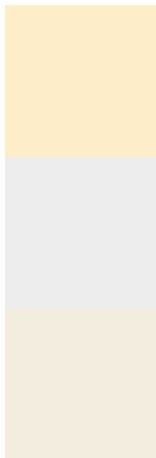
Original Color
94, 19.898, 90.912

Protanomaly
94, 19.783, 91.966

Deuteranomaly
94, 12.885, 76.058

Tritanomaly
94, 7.892, 34.864

Monochromacy



Original Color
94, 19.898, 90.912

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 7.490, 92.658

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 19.898, 90.912 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(253, 237, 200)` looks like.

```
.text, #text, p{  
    color:rgb(253, 237, 200)  
}
```

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(253, 237, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 237, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 19.898, 90.912 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(253, 237, 200) }
```

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

```
.border{ border-color:rgb(253, 237, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 237, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 237, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 237, 200);  
box-shadow:4px 4px 4px 4px rgb(253, 237,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 19.898, 90.912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 237, 200) }
```

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

```
.background{ background-color: rgb(253,  
237, 200) }
```

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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