

Converting Colors

CIELCh(94, 21.048, 90.454)

Have a look what the booklet for
CIELCh(94, 21.048, 90.454) contains.

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Color

CIELCh(94, 21.137, 89.639)

Conversions

Conversions Part 1

Format	Color
Hex	FEECC5
RGB	254, 236, 197
RGB Percent	100%, 93%, 77%
CMY	0.0030, 0.0736, 0.2266
CMYK	0.00, 0.07, 0.22, 0.00
HSL	41°, 97%, 89%
HSV	41°, 22%, 100%
XYZ	81.1164, 85.2715, 65.1349
YIQ	236.9360, 23.2470, -8.3130

Conversions

Conversions Part 2

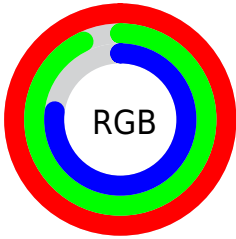
Format	Color
R _Y B	223, 254, 197
Decimal	16706757
CIE Lab	94.00, 0.13, 21.14
CIE LCh	94, 21.137, 89.639
Yxy	85.2715, 0.3504, 0.3683
Android (android.graphics.Color)	4294896837 (0xFFFECC5)
YUV	236.9360, -19.6884, 14.9651
Hunter-Lab	92.3426, -4.8001, 22.8190

Details

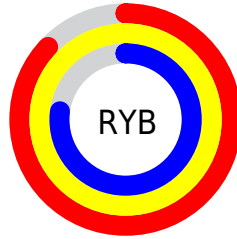
The CIELCh color **94, 21.137, 89.639** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 21.132, 275.776**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.496, 109.985**, and **74, 21.111, 89.112** is the 20% darker color. If you saturate the color by 10%, you get **92, 30.832, 88.311**, and if you desaturate by 10%, it is **97, 11.597, 90.934**.

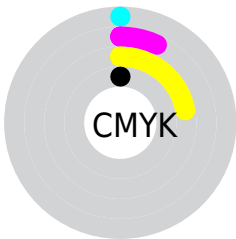
Distribution



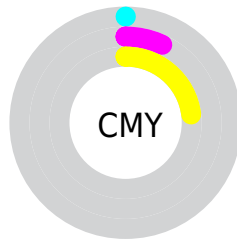
- Red (100%)
- Green (93%)
- Blue (77%)



- Red (87%)
- Yellow (100%)
- Blue (77%)



- Cyan (0%)
- Magenta (7%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (7%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 21.137, 89.639 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, 21.137, 89.639 by changing the saturation by 10% instead.

 94, 21.137, 89.639

 94, 21.137, 89.639

 100, 21.137,
89.639

 84, 21.137, 89.639

 74, 21.137, 89.639

 64, 21.137, 89.639

 54, 21.137, 89.639

 44, 21.137, 89.639

 34, 21.137, 89.639

 24, 21.137, 89.639

 14, 21.137, 89.639

 4, 21.137, 89.639

94, 21.137, 89.639

94, 21.137, 89.639

92, 30.832, 88.311

97, 11.597, 90.934

89, 40.615, 86.935

99, 2.233, 92.088

87, 50.359, 85.514

100, 0.269,
201.853

85, 59.813, 84.036

82, 68.524, 82.457

80, 75.753, 80.694

78, 80.542, 78.591

77, 82.416, 76.720

Harmonies

Complementary

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



94, 21.137, 89.639



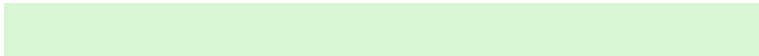
86, 21.132, 275.776

Rectangle

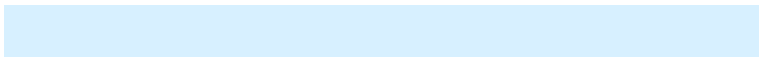
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 21.137, 89.639



94, 21.137, 139.639



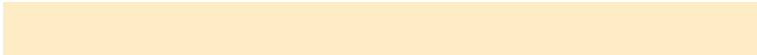
94, 21.137, 269.639



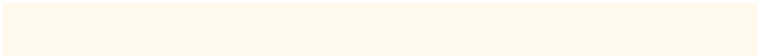
94, 21.137, 319.639

Sweetspot

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



94, 21.138, 89.646



98, 6.510, 91.601



85, 23.019, 357.148



52, 4.233, 91.529



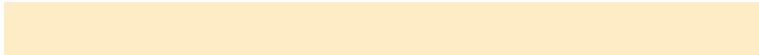
0, 0.000, 0.000



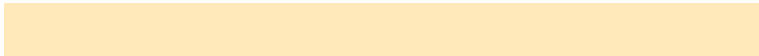
53, 0.007, 296.813

Same Dimension

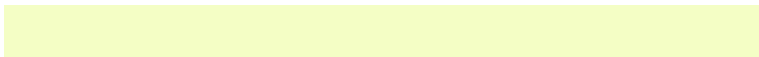
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 21.138, 89.646



93, 25.620, 89.040



98, 29.059, 115.755



52, 5.303, 91.297



59, 66.572, 77.233



19, 28.341, 79.982

Inverse Universe

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



86, 21.132, 275.776



83, 25.612, 276.592



82, 30.539, 299.192



50, 5.311, 273.781



32, 81.181, 297.639



8, 32.581, 292.655

Previews

White Background



This preview shows how the CIE LCh color 94, 21.137, 89.639 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, 21.137, 89.639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

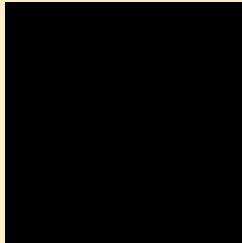
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 21.137, 89.639

Background



This preview shows how black text looks on a background with the CIELCh color 94, 21.137, 89.639.

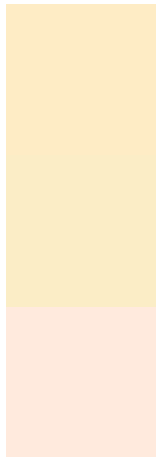


This preview shows how white text looks on a background with the CIELCh color 94, 21.137, 89.639.

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, 21.137, 89.639

Protanopia

94, 20.664, 93.672

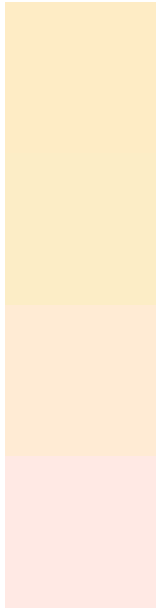
Deuteranopia

94, 10.208, 60.405



Tritanopia
94, 11.186, 340.111

Trichromacy



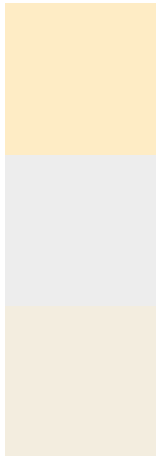
Original Color
94, 21.137, 89.639

Protanomaly
94, 20.768, 92.652

Deuteranomaly
94, 13.968, 76.926

Tritanomaly
94, 8.404, 37.576

Monochromacy



Original Color
94, 21.137, 89.639

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, 21.137, 89.639 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(254, 236, 197)` looks like.

```
.text, #text, p{  
    color:rgb(254, 236, 197)  
}
```

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(254, 236, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 236, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 21.137, 89.639 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(254, 236, 197) }
```

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

```
.border{ border-color:rgb(254, 236, 197) }
```

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

Here you see how a box with a 4 pixel rgb(254, 236, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 236, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 236, 197);  
box-shadow:4px 4px 4px 4px rgb(254, 236,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 21.137, 89.639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 236, 197) }
```

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

```
.background{ background-color: rgb(254,  
236, 197) }
```

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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