

Converting Colors

CIELCh(100, 39.525, 51.556)

Have a look what the booklet for
CIELCh(100, 39.525, 51.556)
contains.

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Color

CIELCh(94, 21.752, 89.052)

Conversions

Conversions Part 1

Format	Color
Hex	FFECC4
RGB	255, 236, 196
RGB Percent	100%, 93%, 77%
CMY	0.0000, 0.0743, 0.2312
CMYK	0.00, 0.07, 0.23, 0.00
HSL	41°, 100%, 88%
HSV	41°, 23%, 100%
XYZ	81.2327, 85.2715, 64.4273
YIQ	237.1210, 24.1640, -8.4120

Conversions

Conversions Part 2

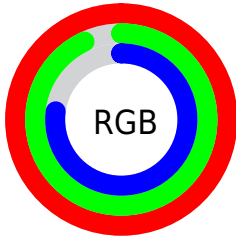
Format	Color
R _Y B	224, 255, 196
Decimal	16772292
CIE Lab	94.00, 0.36, 21.75
CIE LCh	94, 21.752, 89.052
Yxy	85.2715, 0.3518, 0.3693
Android (android.graphics.Color)	4294962372 (0xFFFFECC4)
YUV	237.1210, -20.2727, 15.6799
Hunter-Lab	92.3426, -4.5751, 23.2733

Details

The CIELCh color **94, 21.752, 89.052** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 21.706, 275.465**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.003, 110.026**, and **74, 21.761, 88.471** is the 20% darker color. If you saturate the color by 10%, you get **92, 31.436, 87.760**, and if you desaturate by 10%, it is **97, 12.216, 90.397**.

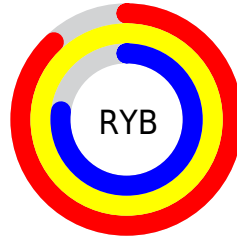
Distribution



Red (100%)

Green (93%)

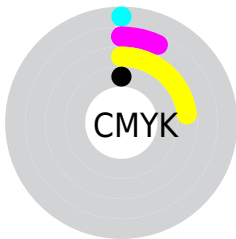
Blue (77%)



Red (88%)

Yellow (100%)

Blue (77%)

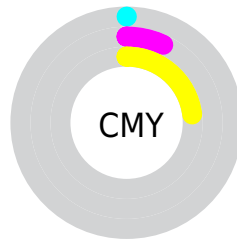


Cyan (0%)

Magenta (7%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 21.752, 89.052 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, 21.752, 89.052 by changing the saturation by 10% instead.

 94, 21.752, 89.052

 94, 21.752, 89.052

 100, 21.752,
89.052

 84, 21.752, 89.052

 74, 21.752, 89.052

 64, 21.752, 89.052

 54, 21.752, 89.052

 44, 21.752, 89.052

 34, 21.752, 89.052

 24, 21.752, 89.052

 14, 21.752, 89.052

 4, 21.752, 89.052

94, 21.752, 89.052

94, 21.752, 89.052

92, 31.436, 87.760

97, 12.216, 90.397

89, 41.218, 86.375

99, 2.868, 91.583

87, 50.960, 84.947

100, 0.012,
296.813

84, 60.403, 83.456

82, 69.078, 81.858

80, 76.225, 80.061

78, 80.874, 77.900

77, 82.566, 76.165

Harmonies

Complementary

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



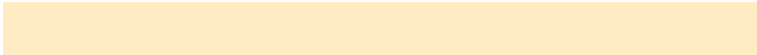
94, 21.752, 89.052



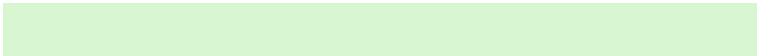
86, 21.706, 275.465

Rectangle

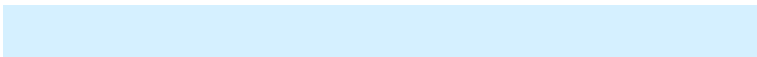
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 21.752, 89.052



94, 21.752, 139.052



94, 21.752, 269.052



94, 21.752, 319.052

Sweetspot

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



94, 21.747, 89.102



98, 6.473, 91.154



85, 23.997, 356.092



52, 4.209, 91.082



0, 0.000, 0.000



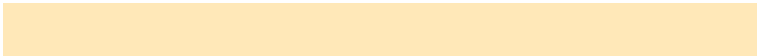
53, 0.007, 296.813

Same Dimension

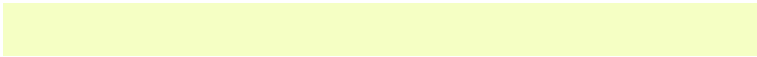
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 21.747, 89.102



93, 26.458, 88.452



98, 29.971, 115.011



52, 5.273, 90.850



59, 66.533, 76.693



19, 28.258, 79.451

Inverse Universe

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



86, 21.706, 275.465



83, 26.401, 276.349



82, 31.571, 298.678



50, 5.278, 273.343



32, 80.471, 297.337



8, 32.290, 292.306

Previews

White Background



This preview shows how the CIE LCh color 94, 21.752, 89.052 looks on a white background.

Color Contrast Check

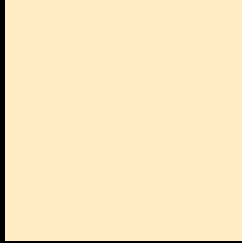
Large Text (above 18pt) WCAG AA × Fail

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, 21.752, 89.052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

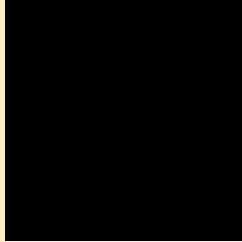
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 21.752, 89.052

Background



This preview shows how black text looks on a background with the CIELCh color 94, 21.752, 89.052.

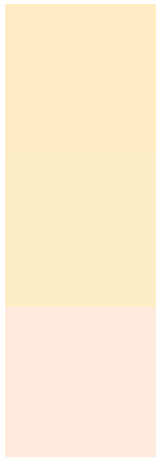


This preview shows how white text looks on a background with the CIELCh color 94, 21.752, 89.052.

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, 21.752, 89.052

Protanopia

94, 21.160, 93.967

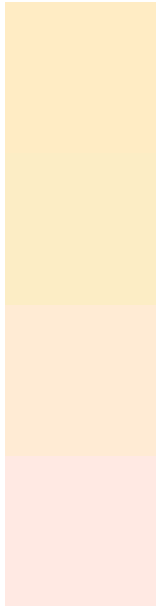
Deuteranopia

94, 10.208, 60.405



Tritanopia
94, 10.269, 343.197

Trichromacy



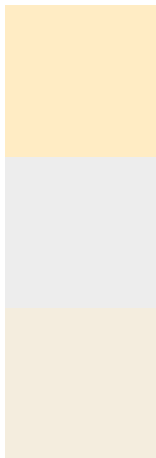
Original Color
94, 21.752, 89.052

Protanomaly
94, 21.261, 92.968

Deuteranomaly
94, 13.968, 76.926

Tritanomaly
94, 8.586, 40.797

Monochromacy



Original Color
94, 21.752, 89.052

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 8.090, 91.168

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 21.752, 89.052 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, 236, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 196)  
}
```

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, 236, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 21.752, 89.052 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, 236, 196) }
```

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

```
.border{ border-color:rgb(255, 236, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 236, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 236, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 236, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 236,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 21.752, 89.052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 236, 196) }
```

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

```
.background{ background-color: rgb(255,  
236, 196) }
```

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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