

Converting Colors

CIELCh(94, 23.106, 90.885)

Have a look what the booklet for
CIELCh(94, 23.106, 90.885) contains.

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Color

CIELCh(94, 23.211, 90.121)

Conversions

Conversions Part 1

Format	Color
Hex	FFECC1
RGB	255, 236, 193
RGB Percent	100%, 93%, 76%
CMY	0.0000, 0.0737, 0.2423
CMYK	0.00, 0.07, 0.24, 0.00
HSL	42°, 100%, 88%
HSV	42°, 24%, 100%
XYZ	81.0229, 85.2715, 62.7590
YIQ	236.7790, 25.1270, -9.3450

Conversions

Conversions Part 2

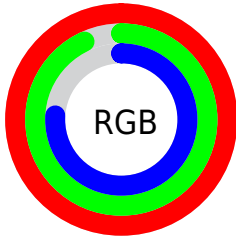
Format	Color
RYB	220, 255, 193
Decimal	16772289
CIELab	94.00, -0.05, 23.21
CIELCh	94, 23.211, 90.121
Yxy	85.2715, 0.3537, 0.3723
Android (android.graphics.Color)	4294962369 (0xFFFFECC1)
YUV	236.7790, -21.5830, 15.9798
Hunter-Lab	92.3426, -4.9807, 24.3444

Details

The CIELCh color **94, 23.211, 90.121** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **85, 23.254, 276.960**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 2.525, 109.959**, and **74, 23.289, 89.558** is the 20% darker color. If you saturate the color by 10%, you get **92, 33.003, 88.988**, and if you desaturate by 10%, it is **96, 13.497, 91.612**.

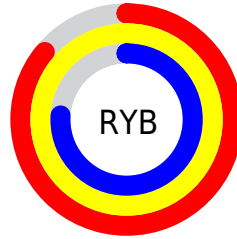
Distribution



Red (100%)

Green (93%)

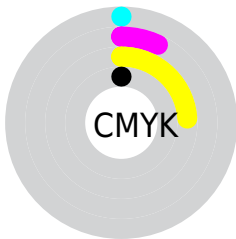
Blue (76%)



Red (86%)

Yellow (100%)

Blue (76%)

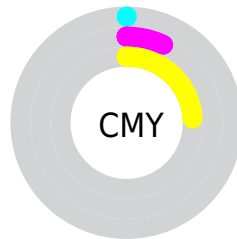


Cyan (0%)

Magenta (7%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 23.211, 90.121 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, 23.211, 90.121 by changing the saturation by 10% instead.

 94, 23.211, 90.121

 94, 23.211, 90.121

 100, 23.211,
90.121

 84, 23.211, 90.121

 74, 23.211, 90.121

 64, 23.211, 90.121

 54, 23.211, 90.121

 44, 23.211, 90.121

 34, 23.211, 90.121

 24, 23.211, 90.121

 14, 23.211, 90.121

 4, 23.211, 90.121

94, 23.211, 90.121

94, 23.211, 90.121

92, 33.003, 88.988

96, 13.497, 91.612

89, 42.873, 87.614

99, 3.971, 92.818

87, 52.643, 86.197

100, 0.012,
296.813

85, 62.023, 84.719

83, 70.506, 83.138

81, 77.297, 81.362

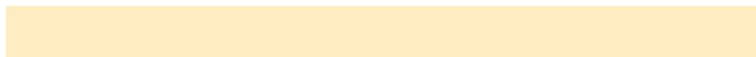
79, 81.452, 79.238

78, 82.717, 77.843

Harmonies

Complementary

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



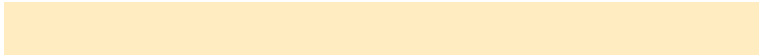
94, 23.211, 90.121



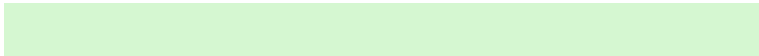
85, 23.254, 276.960

Rectangle

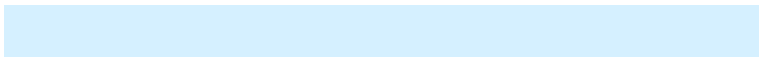
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 23.211, 90.121



94, 23.211, 140.121



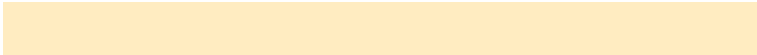
94, 23.211, 270.121



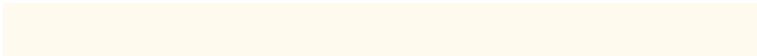
94, 23.211, 320.121

Sweetspot

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



94, 23.186, 90.323



98, 6.589, 92.502



84, 25.008, 357.376



52, 4.284, 92.431



0, 0.000, 0.000



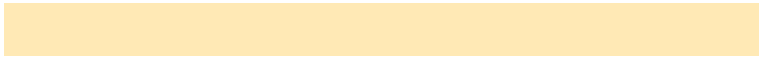
53, 0.007, 296.813

Same Dimension

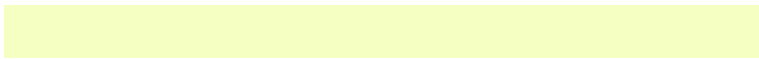
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 23.186, 90.323



93, 27.852, 89.692



98, 31.453, 115.625



52, 5.366, 92.200



60, 66.673, 78.341



20, 28.518, 81.061

Inverse Universe

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



85, 23.254, 276.960



82, 27.959, 277.829



81, 33.201, 299.369



50, 5.381, 274.665



31, 82.630, 298.239



8, 33.165, 293.334

Previews

White Background



This preview shows how the CIE LCh color 94, 23.211, 90.121 looks on a white background.

Color Contrast Check

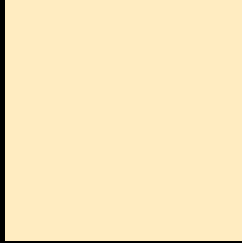
Large Text (above 18pt) WCAG AA × Fail

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, 23.211, 90.121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

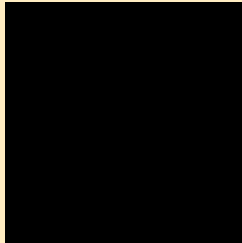
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 23.211, 90.121

Background



This preview shows how black text looks on a background with the CIELCh color 94, 23.211, 90.121.

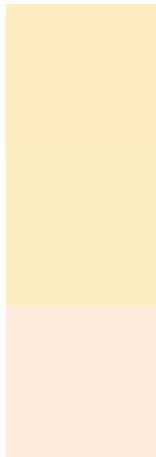


This preview shows how white text looks on a background with the CIELCh color 94, 23.211, 90.121.

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, 23.211, 90.121

Protanopia

94, 22.744, 93.822

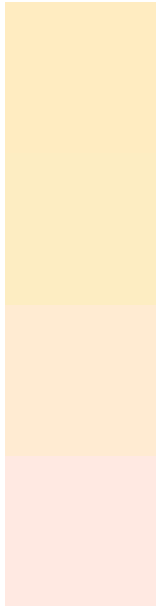
Deuteranopia

94, 10.561, 62.441



Tritanopia
94, 10.867, 342.193

Trichromacy



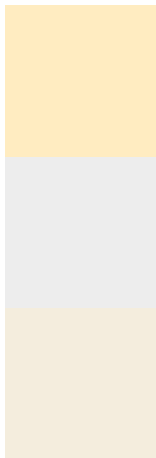
Original Color
94, 23.211, 90.121

Protanomaly
94, 22.846, 92.887

Deuteranomaly
94, 14.859, 78.891

Tritanomaly
94, 8.796, 43.871

Monochromacy



Original Color
94, 23.211, 90.121

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 8.580, 92.184

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 23.211, 90.121 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 23.211, 90.121 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, 193) }
```

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

```
.border{ border-color:rgb(255, 236, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 236, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 236, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 236,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 23.211, 90.121 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, 193) }
```

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

```
.background{ background-color: rgb(255,  
236, 193) }
```

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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