

Converting Colors

CIELCh(94, 23.821, 90.918)

Have a look what the booklet for
CIELCh(94, 23.821, 90.918) contains.

CIELCh(94, 23.699, 90.444)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(94, 23.699, 90.444)

Conversions

Conversions Part 1

Format	Color
Hex	FFECC0
RGB	255, 236, 192
RGB Percent	100%, 93%, 75%
CMY	0.0000, 0.0734, 0.2461
CMYK	0.00, 0.07, 0.25, 0.00
HSL	42°, 100%, 88%
HSV	42°, 25%, 100%
XYZ	80.9539, 85.2715, 62.2094
YIQ	236.6650, 25.4480, -9.6560

Conversions

Conversions Part 2

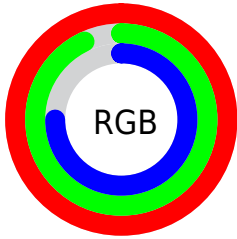
Format	Color
R_{YB}	219, 255, 192
Decimal	16772288
CIE Lab	94.00, -0.18, 23.70
CIE LCh	94, 23.699, 90.444
Yxy	85.2715, 0.3544, 0.3733
Android (android.graphics.Color)	4294962368 (0xFFFFECC0)
YUV	236.6650, -22.0198, 16.0798
Hunter-Lab	92.3426, -5.1141, 24.6973

Details

The CIELCh color **94, 23.699, 90.444** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **85, 23.774, 277.421**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 3.032, 109.926**, and **74, 23.799, 89.884** is the 20% darker color. If you saturate the color by 10%, you get **92, 33.525, 89.361**, and if you desaturate by 10%, it is **96, 13.929, 91.979**.

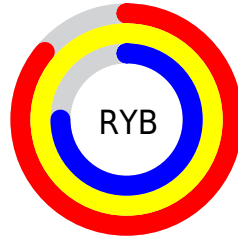
Distribution



Red (100%)

Green (93%)

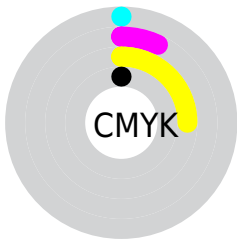
Blue (75%)



Red (86%)

Yellow (100%)

Blue (75%)

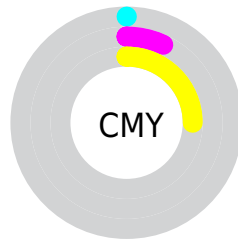


Cyan (0%)

Magenta (7%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 23.699, 90.444 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, 23.699, 90.444 by changing the saturation by 10% instead.

 94, 23.699, 90.444

 94, 23.699, 90.444

 100, 23.699,
90.444

 84, 23.699, 90.444

 74, 23.699, 90.444

 64, 23.699, 90.444

 54, 23.699, 90.444

 44, 23.699, 90.444

 34, 23.699, 90.444

 24, 23.699, 90.444

 14, 23.699, 90.444

 4, 23.699, 90.444

94, 23.699, 90.444

94, 23.699, 90.444

92, 33.525, 89.361

96, 13.929, 91.979

89, 43.422, 87.991

99, 4.346, 93.189

87, 53.198, 86.578

100, 0.012,
296.813

85, 62.555, 85.105

83, 70.972, 83.530

81, 77.644, 81.763

79, 81.638, 79.652

78, 82.781, 78.367

Harmonies

Complementary

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



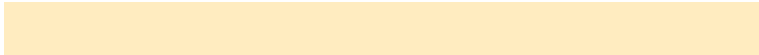
94, 23.699, 90.444



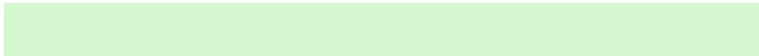
85, 23.774, 277.421

Rectangle

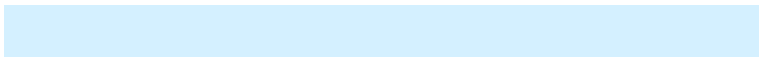
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 23.699, 90.444



94, 23.699, 140.444



94, 23.699, 270.444



94, 23.699, 320.444

Sweetspot

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



94, 23.667, 90.692



98, 6.626, 92.914



84, 25.229, 358.586



52, 4.308, 92.842



0, 0.000, 0.000



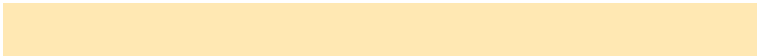
53, 0.007, 296.813

Same Dimension

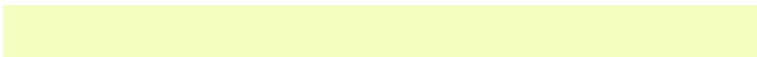
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 23.667, 90.692



93, 28.974, 89.979



98, 31.990, 116.292



52, 5.396, 92.613



60, 66.730, 78.855



20, 28.603, 81.558

Inverse Universe

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



85, 23.774, 277.421



81, 29.148, 278.413



81, 33.775, 299.982



50, 5.414, 275.068



31, 83.298, 298.510



8, 33.432, 293.632

Previews

White Background



This preview shows how the CIE LCh color 94, 23.699, 90.444 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, 23.699, 90.444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

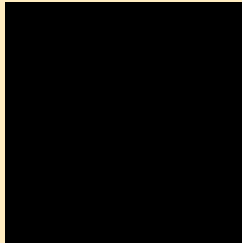
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 23.699, 90.444

Background



This preview shows how black text looks on a background with the CIELCh color 94, 23.699, 90.444.

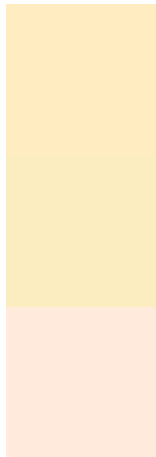


This preview shows how white text looks on a background with the CIELCh color 94, 23.699, 90.444.

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, 23.699, 90.444

Protanopia

94, 23.239, 94.079

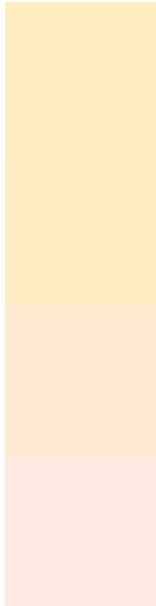
Deuteranopia

94, 10.561, 62.441



Tritanopia
94, 10.867, 342.193

Trichromacy



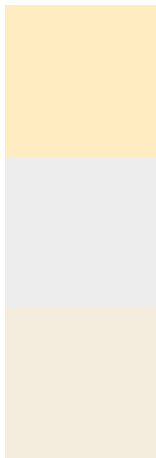
Original Color
94, 23.699, 90.444

Protanomaly
94, 23.340, 93.162

Deuteranomaly
94, 14.859, 78.891

Tritanomaly
94, 9.029, 46.793

Monochromacy



Original Color
94, 23.699, 90.444

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, 23.699, 90.444 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 23.699, 90.444 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, 192) }
```

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

```
.border{ border-color:rgb(255, 236, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 236, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 236, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 236,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 23.699, 90.444 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, 192) }
```

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

```
.background{ background-color: rgb(255,  
236, 192) }
```

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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