

Converting Colors

CIELCh(94, 22.737, 90.475)

Have a look what the booklet for
CIELCh(94, 22.737, 90.475) contains.

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Color

CIELCh(94, 22.724, 89.782)

Conversions

Conversions Part 1

Format	Color
Hex	FFECC2
RGB	255, 236, 194
RGB Percent	100%, 93%, 76%
CMY	0.0000, 0.0739, 0.2386
CMYK	0.00, 0.07, 0.24, 0.00
HSL	41°, 100%, 88%
HSV	41°, 24%, 100%
XYZ	81.0924, 85.2715, 63.3117
YIQ	236.8930, 24.8060, -9.0340

Conversions

Conversions Part 2

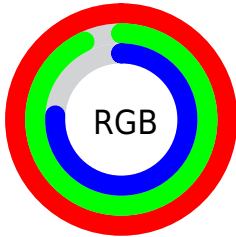
Format	Color
R _Y B	222, 255, 194
Decimal	16772290
CIE Lab	94.00, 0.09, 22.72
CIE LCh	94, 22.724, 89.782
Yxy	85.2715, 0.3531, 0.3713
Android (android.graphics.Color)	4294962370 (0xFFFFECC2)
YUV	236.8930, -21.1462, 15.8798
Hunter-Lab	92.3426, -4.8464, 23.9896

Details

The CIELCh color **94, 22.724, 89.782** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **85, 22.736, 276.481**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 2.017, 109.989**, and **74, 22.779, 89.214** is the 20% darker color. If you saturate the color by 10%, you get **92, 32.481, 88.598**, and if you desaturate by 10%, it is **96, 13.068, 91.226**.

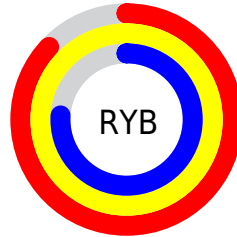
Distribution



Red (100%)

Green (93%)

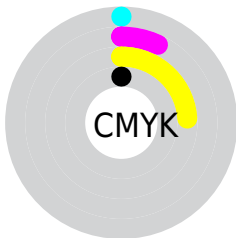
Blue (76%)



Red (87%)

Yellow (100%)

Blue (76%)

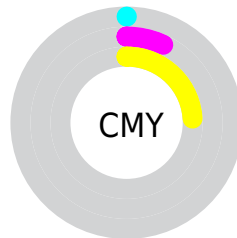


Cyan (0%)

Magenta (7%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 22.724, 89.782 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, 22.724, 89.782 by changing the saturation by 10% instead.



94, 22.724, 89.782

94, 22.724, 89.782

92, 32.481, 88.598

96, 13.068, 91.226

89, 42.323, 87.220

99, 3.599, 92.428

87, 52.084, 85.799

100, 0.012,
296.813

85, 61.487, 84.316

83, 70.035, 82.729

81, 76.945, 80.945

79, 81.262, 78.808

77, 82.659, 77.302

Harmonies

Complementary

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



94, 22.724, 89.782



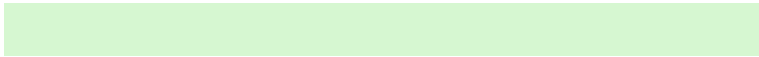
85, 22.736, 276.481

Rectangle

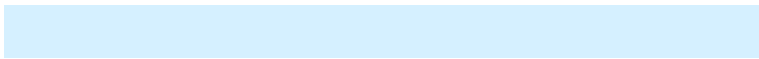
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 22.724, 89.782



94, 22.724, 139.782



94, 22.724, 269.782



94, 22.724, 319.782

Sweetspot

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



94, 22.705, 89.935



98, 6.551, 92.073



84, 24.611, 357.329



52, 4.259, 92.001



0, 0.000, 0.000



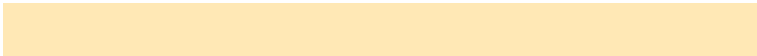
53, 0.007, 296.813

Same Dimension

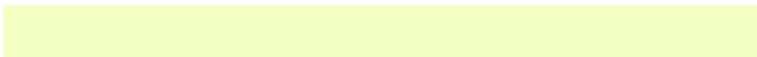
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 22.705, 89.935



93, 27.714, 89.253



98, 30.977, 115.652



52, 5.336, 91.770



60, 66.621, 77.810



20, 28.432, 80.545

Inverse Universe

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



85, 22.736, 276.481



82, 27.767, 277.419



81, 32.669, 299.332



50, 5.347, 274.244



32, 81.937, 297.955



8, 32.887, 293.014

Previews

White Background



This preview shows how the CIE LCh color 94, 22.724, 89.782 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, 22.724, 89.782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

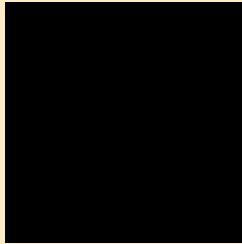
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 22.724, 89.782

Background



This preview shows how black text looks on a background with the CIELCh color 94, 22.724, 89.782.

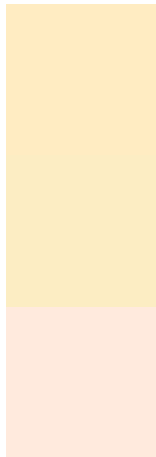


This preview shows how white text looks on a background with the CIELCh color 94, 22.724, 89.782.

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, 22.724, 89.782

Protanopia

94, 22.249, 93.552

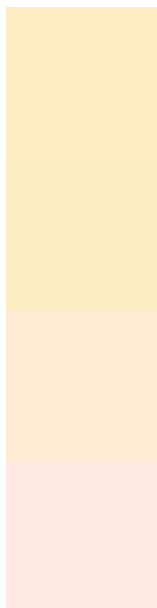
Deuteranopia

94, 10.208, 60.405



Tritanopia
94, 10.867, 342.193

Trichromacy



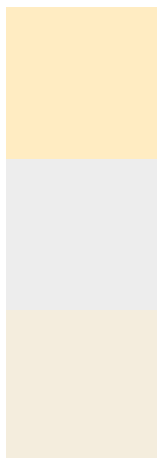
Original Color
94, 22.724, 89.782

Protanomaly
94, 22.354, 92.599

Deuteranomaly
94, 14.411, 77.940

Tritanomaly
94, 8.796, 43.871

Monochromacy



Original Color
94, 22.724, 89.782

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, 22.724, 89.782 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 22.724, 89.782 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, 194) }
```

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

```
.border{ border-color:rgb(255, 236, 194) }
```

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, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 236, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 236, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 236,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 22.724, 89.782 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, 194) }
```

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

```
.background{ background-color: rgb(255,  
236, 194) }
```

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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