

Converting Colors

CIELCh(95, 22.751, 95.054)

Have a look what the booklet for
CIELCh(95, 22.751, 95.054) contains.

CIELCh(95, 22.595, 94.796)	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(95, 22.595, 94.796)

Conversions

Conversions Part 1

Format	Color
Hex	FEF0C5
RGB	254, 240, 197
RGB Percent	100%, 94%, 77%
CMY	0.0030, 0.0579, 0.2265
CMYK	0.00, 0.06, 0.22, 0.00
HSL	45°, 97%, 89%
HSV	45°, 22%, 100%
XYZ	82.2960, 87.6183, 65.5355
YIQ	239.2840, 22.1470, -10.4050

Conversions

Conversions Part 2

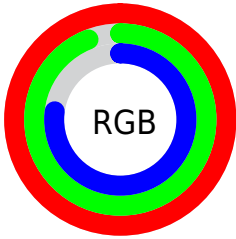
Format	Color
R _Y B	216, 254, 197
Decimal	16707781
CIE Lab	95.00, -1.89, 22.52
CIE LCh	95, 22.595, 94.796
Yxy	87.6183, 0.3495, 0.3721
Android (android.graphics.Color)	4294897861 (0xFFFEF0C5)
YUV	239.2840, -20.8460, 12.9059
Hunter-Lab	93.6047, -6.8732, 24.0125

Details

The CIELCh color **95, 22.595, 94.796** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **85, 22.966, 280.649**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.496, 109.985**, and **75, 22.606, 94.555** is the 20% darker color. If you saturate the color by 10%, you get **93, 32.810, 93.533**, and if you desaturate by 10%, it is **97, 12.447, 96.032**.

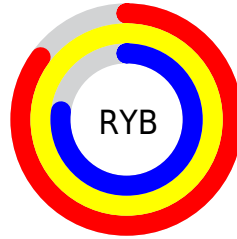
Distribution



Red (100%)

Green (94%)

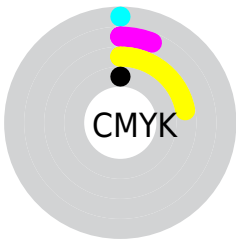
Blue (77%)



Red (85%)

Yellow (100%)

Blue (77%)

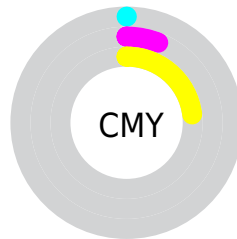


Cyan (0%)

Magenta (6%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 22.595, 94.796 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 95, 22.595, 94.796 by changing the saturation by 10% instead.

 95, 22.595, 94.796

 95, 22.595, 94.796

 100, 22.595,
94.796

 85, 22.595, 94.796

 75, 22.595, 94.796

 65, 22.595, 94.796

 55, 22.595, 94.796

 45, 22.595, 94.796

 35, 22.595, 94.796

 25, 22.595, 94.796

 15, 22.595, 94.796

 5, 22.595, 94.796

95, 22.595, 94.796

95, 22.595, 94.796

93, 32.810, 93.533

97, 12.447, 96.032

91, 43.000, 92.231

99, 2.405, 97.154

89, 53.003, 90.900

100, 0.263,
201.911

87, 62.529, 89.534

86, 71.087, 88.112

84, 77.930, 86.585

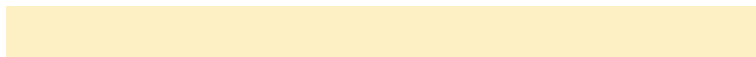
82, 82.185, 84.859

81, 83.636, 83.381

Harmonies

Complementary

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



95, 22.595, 94.796



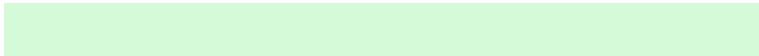
85, 22.966, 280.649

Rectangle

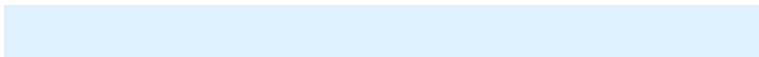
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 22.595, 94.796



95, 22.595, 144.796



95, 22.595, 274.796



95, 22.595, 324.796

Sweetspot

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



95, 22.597, 94.803



98, 7.002, 96.672



85, 22.417, 1.885



52, 4.552, 96.602



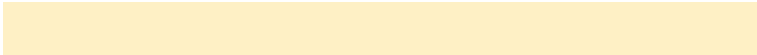
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

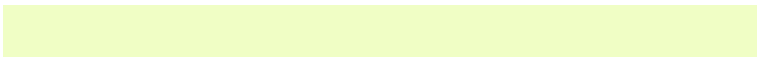
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 22.597, 94.803



94, 27.332, 94.226



97, 29.305, 118.488



52, 5.698, 96.380



63, 67.608, 83.767



21, 29.535, 86.191

Inverse Universe

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



85, 22.966, 280.649



82, 27.886, 281.429



82, 30.709, 301.526



50, 5.744, 278.739



29, 89.553, 300.858



7, 35.844, 296.062

Previews

White Background



This preview shows how the CIE LCh color 95, 22.595, 94.796 looks on a white background.

Color Contrast Check

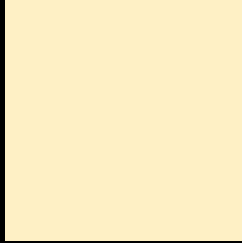
Large Text (above 18pt) WCAG AA × Fail

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 95, 22.595, 94.796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

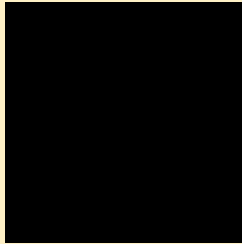
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 22.595, 94.796

Background



This preview shows how black text looks on a background with the CIELCh color 95, 22.595, 94.796.



This preview shows how white text looks on a background with the CIELCh color 95, 22.595, 94.796.

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

95, 22.595, 94.796

Protanopia

95, 22.690, 93.854

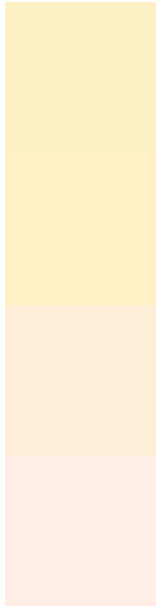
Deuteranopia

95, 8.313, 57.612



Tritanopia
95, 9.757, 336.903

Trichromacy



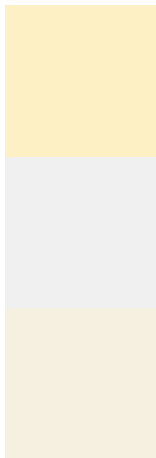
Original Color
95, 22.595, 94.796

Protanomaly
95, 22.690, 93.854

Deuteranomaly
95, 12.904, 80.032

Tritanomaly
95, 7.438, 48.449

Monochromacy



Original Color
95, 22.595, 94.796

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 8.375, 96.988

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 22.595, 94.796 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, 240, 197)` looks like.

```
.text, #text, p{  
    color:rgb(254, 240, 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, 240, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 240, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 22.595, 94.796 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, 240, 197) }
```

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

```
.border{ border-color:rgb(254, 240, 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, 240, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 240, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 240, 197);  
box-shadow:4px 4px 4px 4px rgb(254, 240,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 22.595, 94.796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 240, 197) }
```

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

```
.background{ background-color: rgb(254,  
240, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor