

Converting Colors

CIELCh(100, 34.600, 59.039)

Have a look what the booklet for
CIELCh(100, 34.600, 59.039)
contains.

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Color

CIELCh(95, 22.577, 94.806)

Conversions

Conversions Part 1

Format	Color
Hex	FEF0C5
RGB	254, 240, 197
RGB Percent	100%, 94%, 77%
CMY	0.0030, 0.0579, 0.2264
CMYK	0.00, 0.05, 0.22, 0.00
HSL	45°, 97%, 89%
HSV	45°, 22%, 100%
XYZ	82.2948, 87.6183, 65.5568
YIQ	239.2840, 22.1470, -10.4050

Conversions

Conversions Part 2

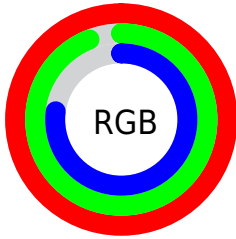
Format	Color
R _Y B	216, 254, 197
Decimal	16707781
CIE Lab	95.00, -1.89, 22.50
CIE LCh	95, 22.577, 94.806
Yxy	87.6183, 0.3495, 0.3721
Android (android.graphics.Color)	4294897861 (0xFFFEF0C5)
YUV	239.2840, -20.8460, 12.9059
Hunter-Lab	93.6047, -6.8756, 23.9990

Details

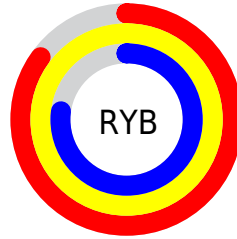
The CIELCh color **95, 22.577, 94.806** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **85, 22.948, 280.653**, and the grayscale version is **95, 0.011, 296.813**.

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, 32.792, 93.543**, and if you desaturate by 10%, it is **97, 12.428, 96.041**.

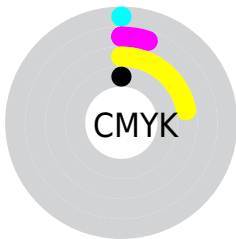
Distribution



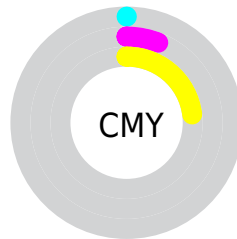
- Red (100%)
- Green (94%)
- Blue (77%)



- Red (85%)
- Yellow (100%)
- Blue (77%)



- Cyan (0%)
- Magenta (5%)
- Yellow (22%)
- Black (0%)



- Cyan (0%)
- Magenta (6%)
- Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 22.577, 94.806 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, 22.577, 94.806 by changing the saturation by 10% instead.

 95, 22.577, 94.806

 95, 22.577, 94.806

 100, 22.577,
94.806

 85, 22.577, 94.806

 75, 22.577, 94.806

 65, 22.577, 94.806

 55, 22.577, 94.806

 45, 22.577, 94.806

 35, 22.577, 94.806

 25, 22.577, 94.806

 15, 22.577, 94.806

 5, 22.577, 94.806

95, 22.577, 94.806

95, 22.577, 94.806

93, 32.792, 93.543

97, 12.428, 96.041

91, 42.982, 92.242

99, 2.386, 97.163

89, 52.986, 90.910

100, 0.269,
201.856

87, 62.514, 89.545

86, 71.073, 88.123

84, 77.919, 86.597

82, 82.179, 84.872

81, 83.635, 83.392

Harmonies

Complementary

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



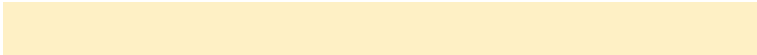
95, 22.577, 94.806



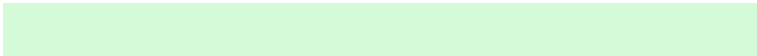
85, 22.948, 280.653

Rectangle

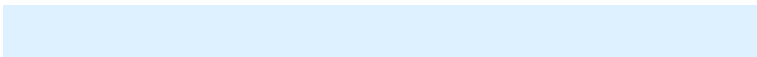
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 22.577, 94.806



95, 22.577, 144.806



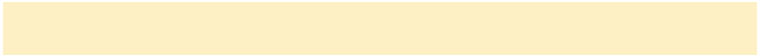
95, 22.577, 274.806



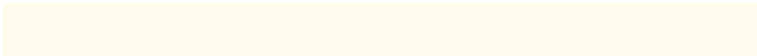
95, 22.577, 324.806

Sweetspot

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



95, 22.579, 94.813



98, 7.003, 96.679



85, 22.396, 1.882



52, 4.552, 96.610



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

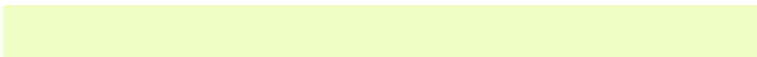
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 22.579, 94.813



94, 27.335, 94.233



97, 29.279, 118.489



52, 5.699, 96.387



63, 67.610, 83.777



21, 29.537, 86.200

Inverse Universe

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



85, 22.948, 280.653



82, 27.890, 281.436



82, 30.680, 301.524



50, 5.745, 278.746



29, 89.566, 300.863



7, 35.849, 296.066

Previews

White Background



This preview shows how the CIE LCh color 95, 22.577, 94.806 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, 22.577, 94.806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

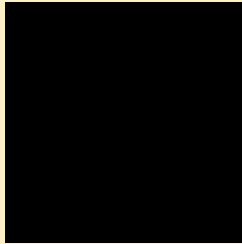
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 22.577, 94.806

Background



This preview shows how black text looks on a background with the CIELCh color 95, 22.577, 94.806.



This preview shows how white text looks on a background with the CIELCh color 95, 22.577, 94.806.

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

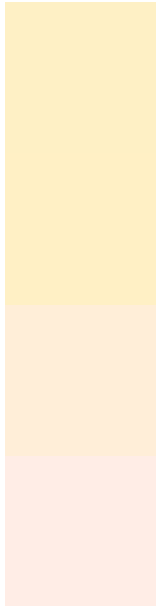
Deuteranopia

95, 8.313, 57.612



Tritanopia
95, 9.757, 336.903

Trichromacy



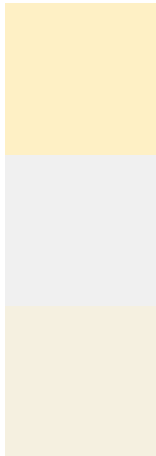
Original Color
95, 22.595, 94.796

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, 22.577, 94.806 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, 22.577, 94.806 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, 22.577, 94.806 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](#).

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