

Converting Colors

CIELCh(95, 24.356, 94.878)

Have a look what the booklet for
CIELCh(95, 24.356, 94.878) contains.

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Color

CIELCh(95, 24.173, 94.590)

Conversions

Conversions Part 1

Format	Color
Hex	FFF0C2
RGB	255, 240, 194
RGB Percent	100%, 94%, 76%
CMY	0.0000, 0.0581, 0.2385
CMYK	0.00, 0.06, 0.24, 0.00
HSL	45°, 100%, 88%
HSV	45°, 24%, 100%
XYZ	82.2725, 87.6183, 63.7136
YIQ	239.2410, 23.7060, -11.1260

Conversions

Conversions Part 2

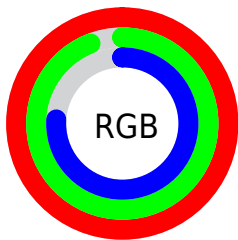
Format	Color
RYB	214, 255, 194
Decimal	16773314
CIELab	95.00, -1.93, 24.10
CIElCh	95, 24.173, 94.590
Yxy	87.6183, 0.3522, 0.3751
Android (android.graphics.Color)	4294963394 (0xFFFFF0C2)
YUV	239.2410, -22.3038, 13.8206
Hunter-Lab	93.6047, -6.9180, 25.1665

Details

The CIELCh color **95, 24.173, 94.590** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **84, 24.592, 281.009**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 2.017, 109.989**, and **75, 24.261, 94.276** is the 20% darker color. If you saturate the color by 10%, you get **93, 34.414, 93.481**, and if you desaturate by 10%, it is **97, 13.954, 95.987**.

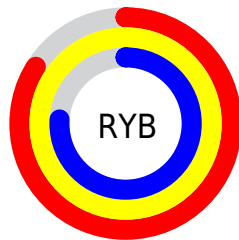
Distribution



Red (100%)

Green (94%)

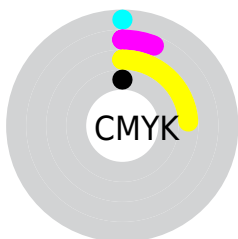
Blue (76%)



Red (84%)

Yellow (100%)

Blue (76%)

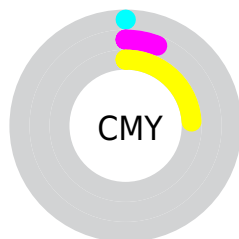


Cyan (0%)

Magenta (6%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 24.173, 94.590 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, 24.173, 94.590 by changing the saturation by 10% instead.

 95, 24.173, 94.590

 95, 24.173, 94.590

 100, 24.173,
94.590

 85, 24.173, 94.590

 75, 24.173, 94.590

 65, 24.173, 94.590

 55, 24.173, 94.590

 45, 24.173, 94.590

 35, 24.173, 94.590

 25, 24.173, 94.590

 15, 24.173, 94.590

 5, 24.173, 94.590

95, 24.173, 94.590

95, 24.173, 94.590

93, 34.414, 93.481

97, 13.954, 95.987

91, 44.626, 92.177

99, 3.851, 97.147

89, 54.614, 90.844

100, 0.012,
296.813

87, 64.063, 89.475

86, 72.441, 88.047

84, 78.970, 86.506

82, 82.792, 84.753

81, 83.876, 83.555

Harmonies

Complementary

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



95, 24.173, 94.590



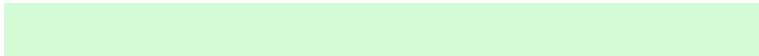
84, 24.592, 281.009

Rectangle

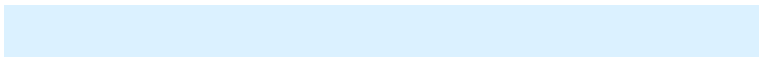
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 24.173, 94.590



95, 24.173, 144.590



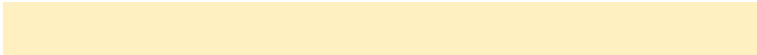
95, 24.173, 274.590



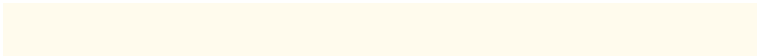
95, 24.173, 324.590

Sweetspot

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



95, 24.158, 94.753



98, 7.016, 96.799



84, 23.974, 2.071



52, 4.561, 96.730



0, 0.000, 0.000



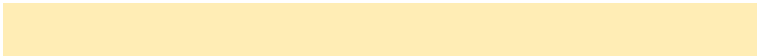
53, 0.007, 296.813

Same Dimension

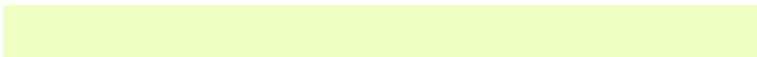
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 24.158, 94.753



94, 29.433, 94.103



98, 31.232, 118.396



52, 5.709, 96.508



63, 67.650, 83.941



21, 29.572, 86.351

Inverse Universe

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



84, 24.592, 281.009



81, 30.102, 281.908



82, 32.834, 301.647



50, 5.756, 278.863



29, 89.769, 300.934



7, 35.925, 296.135

Previews

White Background



This preview shows how the CIE LCh color 95, 24.173, 94.590 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, 24.173, 94.590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

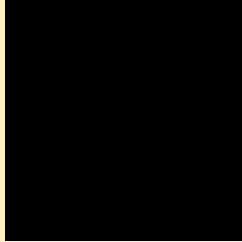
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 24.173, 94.590

Background



This preview shows how black text looks on a background with the CIELCh color 95, 24.173, 94.590.



This preview shows how white text looks on a background with the CIELCh color 95, 24.173, 94.590.

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, 24.173, 94.590

Protanopia

95, 23.678, 94.357

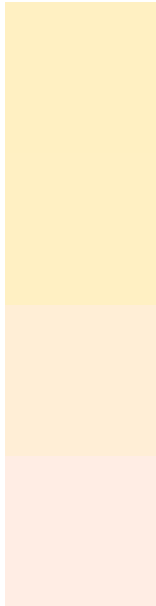
Deuteranopia

95, 8.646, 60.223



Tritanopia
95, 9.417, 339.180

Trichromacy



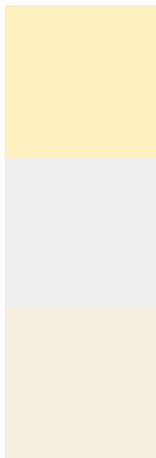
Original Color
95, 24.173, 94.590

Protanomaly
95, 23.678, 94.357

Deuteranomaly
95, 13.817, 81.962

Tritanomaly
95, 7.999, 54.786

Monochromacy



Original Color
95, 24.173, 94.590

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 8.466, 94.564

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 24.173, 94.590 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, 240, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 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, 240, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 24.173, 94.590 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, 240, 194) }
```

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

```
.border{ border-color:rgb(255, 240, 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, 240, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 24.173, 94.590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 194) }
```

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

```
.background{ background-color: rgb(255,  
240, 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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