

Converting Colors

CIELCh(95, 19.348, 93.824)

Have a look what the booklet for
CIELCh(95, 19.348, 93.824) contains.

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Color

CIELCh(95, 19.528, 94.134)

Conversions

Conversions Part 1

Format	Color
Hex	FDF0CB
RGB	253, 240, 203
RGB Percent	99%, 94%, 80%
CMY	0.0073, 0.0583, 0.2034
CMYK	0.00, 0.05, 0.20, 0.01
HSL	44°, 93%, 89%
HSV	44°, 20%, 99%
XYZ	82.5457, 87.6183, 69.1375
YIQ	239.6690, 19.6250, -8.7510

Conversions

Conversions Part 2

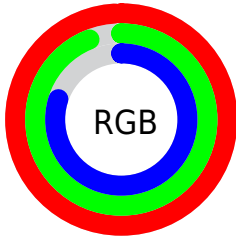
Format	Color
R _Y B	221, 253, 203
Decimal	16642251
CIE Lab	95.00, -1.41, 19.48
CIE LCh	95, 19.528, 94.134
Yxy	87.6183, 0.3449, 0.3661
Android (android.graphics.Color)	4294832331 (0xFFFD0CB)
YUV	239.6690, -18.0778, 11.6913
Hunter-Lab	93.6047, -6.3972, 21.7310

Details

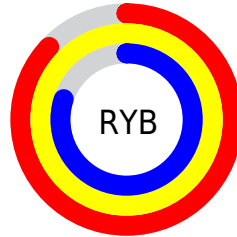
The CIELCh color **95, 19.528, 94.134** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 19.755, 279.280**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 19.391, 93.977** is the 20% darker color. If you saturate the color by 10%, you get **93, 29.578, 92.867**, and if you desaturate by 10%, it is **97, 9.576, 95.369**.

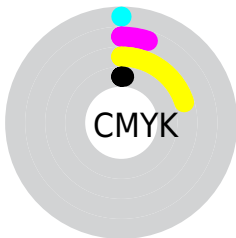
Distribution



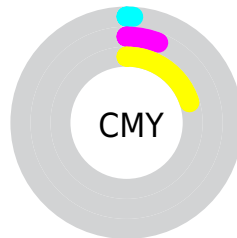
- Red (99%)
- Green (94%)
- Blue (80%)



- Red (87%)
- Yellow (99%)
- Blue (80%)



- Cyan (0%)
- Magenta (5%)
- Yellow (20%)
- Black (1%)



- Cyan (1%)
- Magenta (6%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 19.528, 94.134 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, 19.528, 94.134 by changing the saturation by 10% instead.

 95, 19.528, 94.134

 95, 19.528, 94.134

 100, 19.528,
94.134

 85, 19.528, 94.134

 75, 19.528, 94.134

 65, 19.528, 94.134

 55, 19.528, 94.134

 45, 19.528, 94.134

 35, 19.528, 94.134

 25, 19.528, 94.134

 15, 19.528, 94.134

 5, 19.528, 94.134

95, 19.528, 94.134

95, 19.528, 94.134

93, 29.578, 92.867

97, 9.576, 95.369

91, 39.653, 91.557

99, 0.250, 277.509

89, 49.623, 90.213

100, 0.650,
200.383

87, 59.247, 88.832

85, 68.103, 87.395

83, 75.520, 85.854

82, 80.617, 84.119

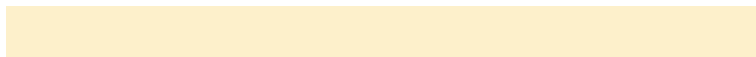
80, 82.959, 82.093

80, 83.005, 82.043

Harmonies

Complementary

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



95, 19.528, 94.134



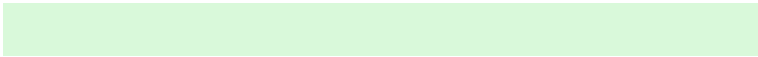
86, 19.755, 279.280

Rectangle

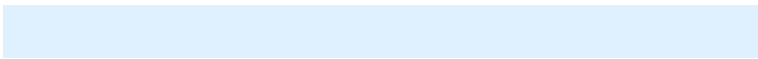
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 19.528, 94.134



95, 19.528, 144.134



95, 19.528, 274.134



95, 19.528, 324.134

Sweetspot

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



95, 19.530, 94.142



99, 5.906, 95.808



86, 19.692, 0.342



52, 3.920, 95.734



0, 0.000, 0.000



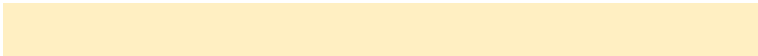
53, 0.007, 296.813

Same Dimension

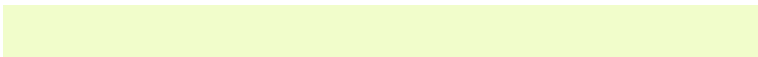
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 19.530, 94.142



95, 23.929, 93.604



97, 25.692, 117.988



52, 5.614, 95.399



62, 67.312, 82.450



21, 29.265, 84.968

Inverse Universe

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



86, 19.755, 279.280



84, 24.270, 279.979



84, 26.780, 300.715



50, 5.652, 277.785



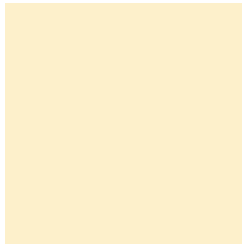
29, 87.904, 300.269



7, 35.222, 295.478

Previews

White Background



This preview shows how the CIE LCh color 95, 19.528, 94.134 looks on a white background.

Color Contrast Check

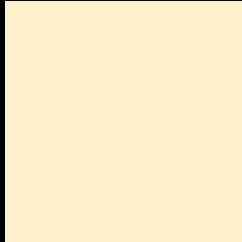
Large Text (above 18pt) WCAG AA × Fail

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, 19.528, 94.134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

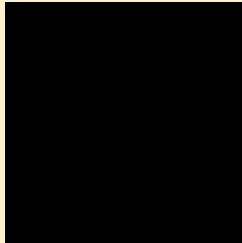
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 19.528, 94.134

Background



This preview shows how black text looks on a background with the CIELCh color 95, 19.528, 94.134.



This preview shows how white text looks on a background with the CIELCh color 95, 19.528, 94.134.

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, 19.528, 94.134

Protanopia

95, 19.528, 94.134

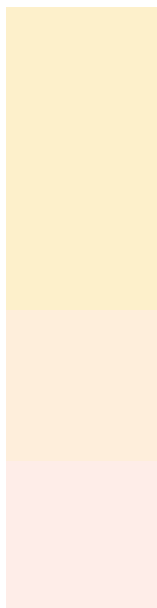
Deuteranopia

95, 7.999, 54.786



Tritanopia
95, 10.113, 334.785

Trichromacy



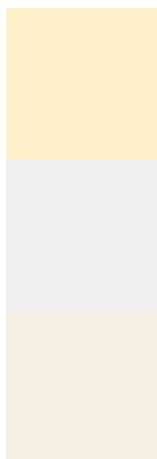
Original Color
95, 19.528, 94.134

Protanomaly
95, 19.528, 94.134

Deuteranomaly
95, 11.371, 78.126

Tritanomaly
95, 6.645, 42.310

Monochromacy



Original Color
95, 19.528, 94.134

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 6.880, 94.396

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 19.528, 94.134 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(253, 240, 203)` looks like.

```
.text, #text, p{  
    color:rgb(253, 240, 203)  
}
```

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(253, 240, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 240, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 19.528, 94.134 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(253, 240, 203) }
```

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

```
.border{ border-color:rgb(253, 240, 203) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(253, 240, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 240, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 240, 203);  
box-shadow:4px 4px 4px 4px rgb(253, 240,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 19.528, 94.134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 240, 203) }
```

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

```
.background{ background-color: rgb(253,  
240, 203) }
```

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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