

Converting Colors

CIELCh(95, 19.217, 82.157)

Have a look what the booklet for
CIELCh(95, 19.217, 82.157) contains.

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Color

CIELCh(95, 18.550, 88.557)

Conversions

Conversions Part 1

Format	Color
Hex	FFEFCD
RGB	255, 239, 205
RGB Percent	100%, 94%, 80%
CMY	0.0000, 0.0626, 0.1961
CMYK	0.00, 0.06, 0.20, 0.00
HSL	41°, 100%, 90%
HSV	41°, 20%, 100%
XYZ	83.5228, 87.6183, 70.2695
YIQ	239.9080, 20.4500, -7.1820

Conversions

Conversions Part 2

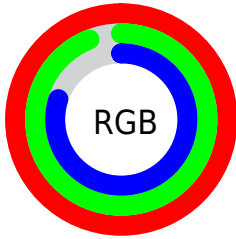
Format	Color
R _Y B	229, 255, 205
Decimal	16773069
CIE Lab	95.00, 0.47, 18.54
CIE LCh	95, 18.550, 88.557
Yxy	87.6183, 0.3460, 0.3629
Android (android.graphics.Color)	4294963149 (0xFFFFEFCF)
YUV	239.9080, -17.2096, 13.2357
Hunter-Lab	93.6047, -4.5339, 21.0140

Details

The CIELCh color **95, 18.550, 88.557** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **88, 18.397, 275.032**, 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, 18.225, 89.249** is the 20% darker color. If you saturate the color by 10%, you get **92, 28.068, 88.406**, and if you desaturate by 10%, it is **97, 8.929, 91.005**.

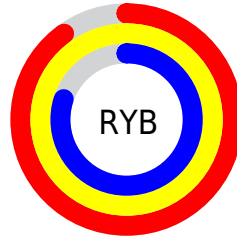
Distribution



Red (100%)

Green (94%)

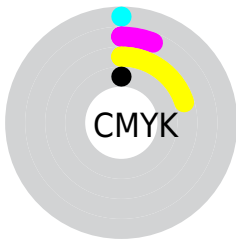
Blue (80%)



Red (90%)

Yellow (100%)

Blue (80%)

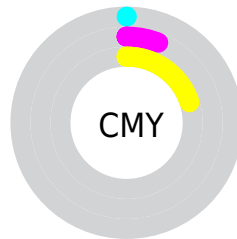


Cyan (0%)

Magenta (6%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 18.550, 88.557 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, 18.550, 88.557 by changing the saturation by 10% instead.

 95, 18.550, 88.557

 95, 18.550, 88.557

 100, 18.550,
88.557

 85, 18.550, 88.557

 75, 18.550, 88.557

 65, 18.550, 88.557

 55, 18.550, 88.557

 45, 18.550, 88.557

 35, 18.550, 88.557

 25, 18.550, 88.557

 15, 18.550, 88.557

 5, 18.550, 88.557

95, 18.550, 88.557

95, 18.550, 88.557

92, 28.068, 88.406

97, 8.929, 91.005

90, 37.840, 87.038

100, 0.012,
296.813

88, 47.625, 85.628

85, 57.215, 84.164

83, 66.226, 82.615

81, 74.003, 80.907

79, 79.617, 78.905

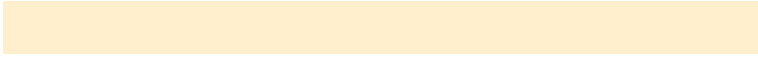
77, 82.485, 76.468

77, 82.580, 76.370

Harmonies

Complementary

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



95, 18.550, 88.557



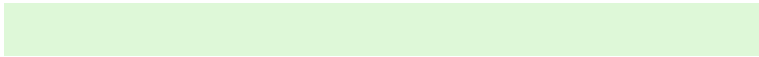
88, 18.397, 275.032

Rectangle

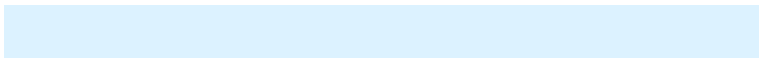
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 18.550, 88.557



95, 18.550, 138.557



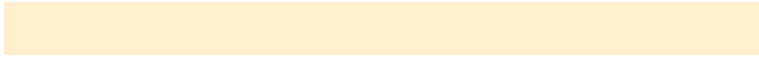
95, 18.550, 268.557



95, 18.550, 318.557

Sweetspot

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



95, 18.415, 89.732



98, 5.553, 91.439



87, 20.239, 355.666



52, 3.686, 91.363



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

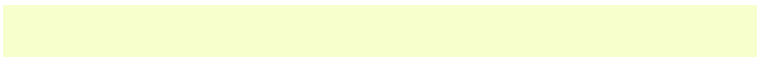
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 18.415, 89.732



94, 22.638, 89.155



98, 25.455, 115.271



52, 5.284, 91.017



59, 66.546, 76.894



19, 28.289, 79.649

Inverse Universe

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



88, 18.397, 275.032



85, 22.607, 275.780



85, 26.586, 298.333



50, 5.290, 273.507



32, 80.736, 297.450



8, 32.399, 292.438

Previews

White Background



This preview shows how the CIE LCh color 95, 18.550, 88.557 looks on a white background.

Color Contrast Check

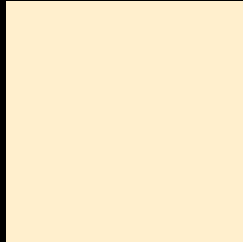
Large Text (above 18pt) WCAG AA × Fail

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, 18.550, 88.557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

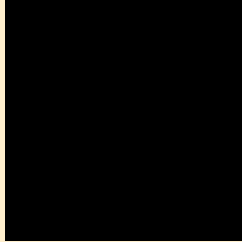
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 18.550, 88.557

Background



This preview shows how black text looks on a background with the CIELCh color 95, 18.550, 88.557.



This preview shows how white text looks on a background with the CIELCh color 95, 18.550, 88.557.

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, 18.405, 89.677

Protanopia

95, 18.539, 93.465

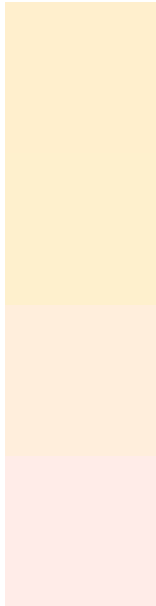
Deuteranopia

95, 7.999, 54.786



Tritanopia
95, 9.757, 336.903

Trichromacy



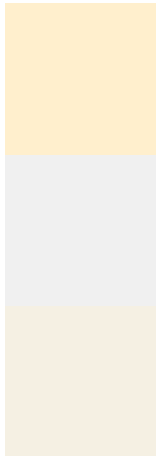
Original Color
95, 18.405, 89.677

Protanomaly
95, 18.644, 92.341

Deuteranomaly
95, 11.136, 75.197

Tritanomaly
95, 7.163, 36.345

Monochromacy



Original Color
95, 18.405, 89.677

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, 18.550, 88.557 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, 239, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 205)  
}
```

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, 239, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 18.550, 88.557 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, 239, 205) }
```

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

```
.border{ border-color:rgb(255, 239, 205) }
```

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

Here you see how a box with a 4 pixel rgb(255, 239, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 18.550, 88.557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 239, 205) }
```

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

```
.background{ background-color: rgb(255,  
239, 205) }
```

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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