

Converting Colors

CIELCh(95, 19.386, 90.141)

Have a look what the booklet for
CIELCh(95, 19.386, 90.141) contains.

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Color

CIELCh(95, 19.378, 90.537)

Conversions

Conversions Part 1

Format	Color
Hex	FFEFCB
RGB	255, 239, 203
RGB Percent	100%, 94%, 80%
CMY	0.0000, 0.0612, 0.2025
CMYK	0.00, 0.06, 0.20, 0.00
HSL	42°, 100%, 90%
HSV	42°, 20%, 100%
XYZ	83.1838, 87.6183, 69.2583
YIQ	239.6800, 21.0920, -7.8040

Conversions

Conversions Part 2

Format	Color
R _Y B	226, 255, 203
Decimal	16773067
CIE Lab	95.00, -0.18, 19.38
CIE LCh	95, 19.378, 90.537
Yxy	87.6183, 0.3465, 0.3650
Android (android.graphics.Color)	4294963147 (0xFFFFEFCB)
YUV	239.6800, -18.0832, 13.4356
Hunter-Lab	93.6047, -5.1803, 21.6545

Details

The CIELCh color **95, 19.378, 90.537** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **87, 19.388, 276.396**, 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, 19.246, 90.137** is the 20% darker color. If you saturate the color by 10%, you get **93, 29.117, 89.645**, and if you desaturate by 10%, it is **97, 9.694, 92.226**.

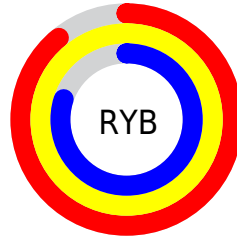
Distribution



Red (100%)

Green (94%)

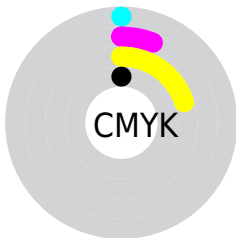
Blue (80%)



Red (89%)

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, 19.378, 90.537 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, 19.378, 90.537 by changing the saturation by 10% instead.

 95, 19.378, 90.537

 95, 19.378, 90.537

 100, 19.378,
90.537

 85, 19.378, 90.537

 75, 19.378, 90.537

 65, 19.378, 90.537

 55, 19.378, 90.537

 45, 19.378, 90.537

 35, 19.378, 90.537

 25, 19.378, 90.537

 15, 19.378, 90.537

 5, 19.378, 90.537

95, 19.378, 90.537

95, 19.378, 90.537

93, 29.117, 89.645

97, 9.694, 92.226

90, 38.988, 88.288

100, 0.221, 92.291

88, 48.828, 86.890

100, 0.012,
296.813

86, 58.412, 85.442

84, 67.329, 83.912

82, 74.898, 82.233

80, 80.193, 80.276

78, 82.734, 77.991

Harmonies

Complementary

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



95, 19.378, 90.537



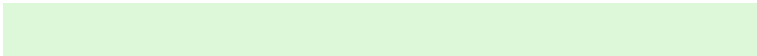
87, 19.388, 276.396

Rectangle

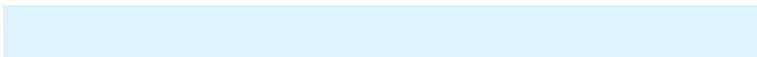
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 19.378, 90.537



95, 19.378, 140.537



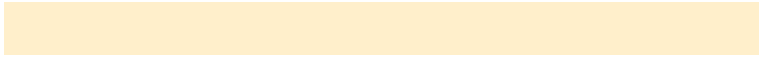
95, 19.378, 270.537



95, 19.378, 320.537

Sweetspot

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



95, 19.333, 90.961



98, 5.650, 92.736



87, 20.759, 356.881



52, 3.750, 92.660



0, 0.000, 0.000



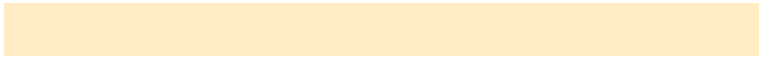
53, 0.007, 296.813

Same Dimension

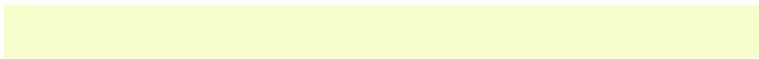
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 19.333, 90.961



94, 22.990, 90.472



98, 26.325, 115.912



52, 5.374, 92.317



60, 66.688, 78.486



20, 28.542, 81.201

Inverse Universe

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



87, 19.388, 276.396



85, 23.067, 277.032



84, 27.523, 298.986



50, 5.390, 274.779



31, 82.819, 298.316



8, 33.241, 293.419

Previews

White Background



This preview shows how the CIE LCh color 95, 19.378, 90.537 looks on a white background.

Color Contrast Check

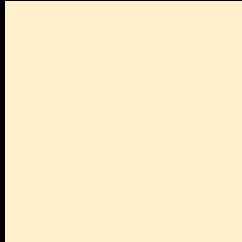
Large Text (above 18pt) WCAG AA × Fail

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, 19.378, 90.537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

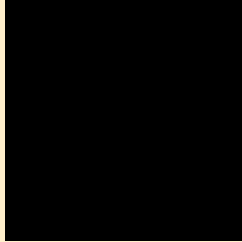
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 19.378, 90.537

Background



This preview shows how black text looks on a background with the CIELCh color 95, 19.378, 90.537.



This preview shows how white text looks on a background with the CIELCh color 95, 19.378, 90.537.

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, 19.378, 90.537

Protanopia

95, 19.033, 93.810

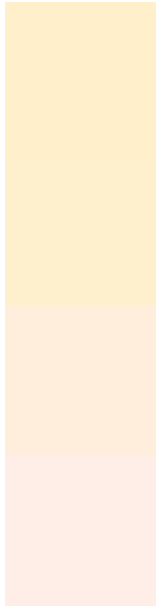
Deuteranopia

95, 7.999, 54.786



Tritanopia
95, 9.757, 336.903

Trichromacy



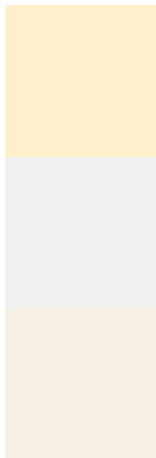
Original Color
95, 19.378, 90.537

Protanomaly
95, 19.135, 92.711

Deuteranomaly
95, 11.570, 76.549

Tritanomaly
95, 6.985, 41.174

Monochromacy



Original Color
95, 19.378, 90.537

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, 19.378, 90.537 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, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 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(255, 239, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 19.378, 90.537 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, 203) }
```

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

```
.border{ border-color:rgb(255, 239, 203) }
```

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, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 19.378, 90.537 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, 203) }
```

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

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