

Converting Colors

CIELCh(100, 34.149, 49.931)

Have a look what the booklet for
CIELCh(100, 34.149, 49.931)
contains.

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Color

CIELCh(95, 18.068, 88.064)

Conversions

Conversions Part 1

Format	Color
Hex	FFEFCE
RGB	255, 239, 206
RGB Percent	100%, 94%, 81%
CMY	0.0000, 0.0628, 0.1924
CMYK	0.00, 0.06, 0.19, 0.00
HSL	40°, 100%, 90%
HSV	40°, 19%, 100%
XYZ	83.5977, 87.6183, 70.8644
YIQ	240.0220, 20.1290, -6.8710

Conversions

Conversions Part 2

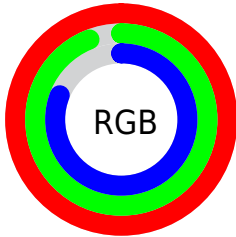
Format	Color
R_{YB}	230, 255, 206
Decimal	16773070
CIE _{Lab}	95.00, 0.61, 18.06
CIE _{LCh}	95, 18.068, 88.064
Yxy	87.6183, 0.3453, 0.3619
Android (android.graphics.Color)	4294963150 (0xFFFFEFCE)
YUV	240.0220, -16.7728, 13.1357
Hunter-Lab	93.6047, -4.3909, 20.6371

Details

The CIELCh color **95, 18.068, 88.064** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **88, 17.891, 274.409**, 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, 17.717, 88.761** is the 20% darker color. If you saturate the color by 10%, you get **92, 27.533, 87.868**, and if you desaturate by 10%, it is **98, 8.519, 90.471**.

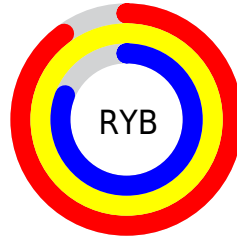
Distribution



Red (100%)

Green (94%)

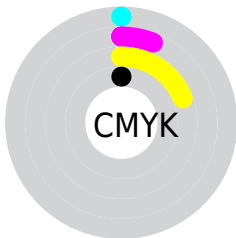
Blue (81%)



Red (90%)

Yellow (100%)

Blue (81%)

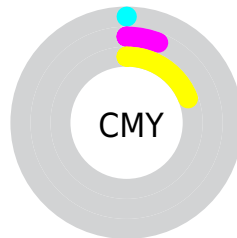


Cyan (0%)

Magenta (6%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 18.068, 88.064 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, 18.068, 88.064 by changing the saturation by 10% instead.

 95, 18.068, 88.064

 95, 18.068, 88.064

 100, 18.068,
88.064

 85, 18.068, 88.064

 75, 18.068, 88.064

 65, 18.068, 88.064

 55, 18.068, 88.064

 45, 18.068, 88.064

 35, 18.068, 88.064

 25, 18.068, 88.064

 15, 18.068, 88.064

 5, 18.068, 88.064

95, 18.068, 88.064

95, 18.068, 88.064

92, 27.533, 87.868

98, 8.519, 90.471

90, 37.261, 86.496

100, 0.012,
296.813

87, 47.023, 85.082

85, 56.619, 83.613

83, 65.677, 82.058

81, 73.558, 80.343

79, 79.335, 78.328

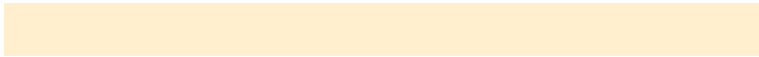
77, 82.348, 75.858

76, 82.537, 75.664

Harmonies

Complementary

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



95, 18.068, 88.064



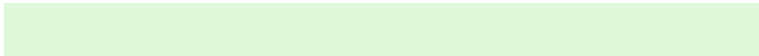
88, 17.891, 274.409

Rectangle

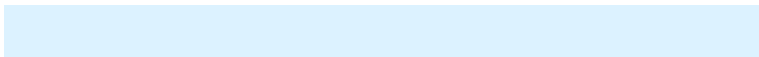
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 18.068, 88.064



95, 18.068, 138.064



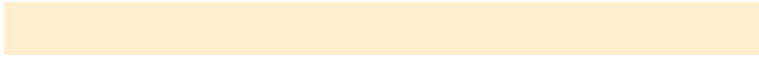
95, 18.068, 268.064



95, 18.068, 318.064

Sweetspot

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



95, 17.937, 89.197



98, 5.512, 90.861



87, 19.845, 355.623



52, 3.659, 90.784



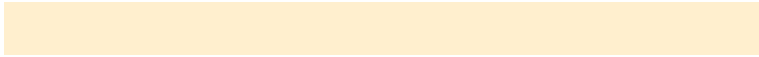
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

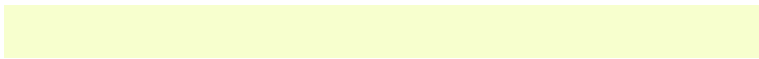
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 17.937, 89.197



94, 21.530, 88.702



98, 24.978, 115.299



52, 5.246, 90.438



59, 66.504, 76.201



19, 28.185, 78.965

Inverse Universe

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



88, 17.891, 274.409



86, 21.459, 275.045



85, 26.066, 298.298



50, 5.248, 272.939



32, 79.823, 297.057



8, 32.025, 291.979

Previews

White Background



This preview shows how the CIE LCh color 95, 18.068, 88.064 looks on a white background.

Color Contrast Check

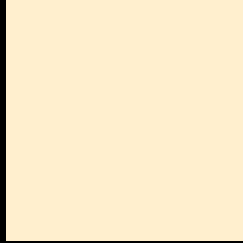
Large Text (above 18pt) WCAG AA × Fail

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, 18.068, 88.064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

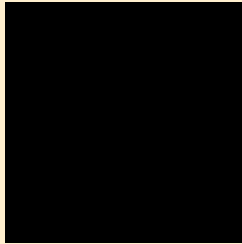
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 18.068, 88.064

Background



This preview shows how black text looks on a background with the CIELCh color 95, 18.068, 88.064.



This preview shows how white text looks on a background with the CIELCh color 95, 18.068, 88.064.

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, 17.920, 89.208

Protanopia

95, 18.046, 93.099

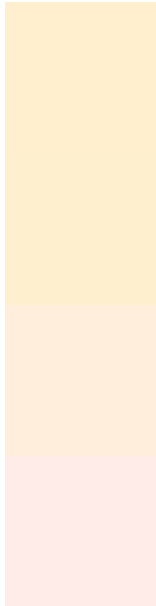
Deuteranopia

95, 7.999, 54.786



Tritanopia
95, 9.757, 336.903

Trichromacy



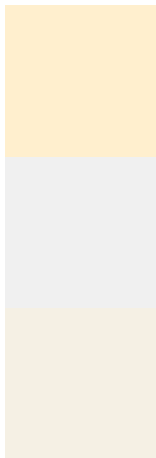
Original Color
95, 17.920, 89.208

Protanomaly
95, 18.153, 91.949

Deuteranomaly
95, 11.136, 75.197

Tritanomaly
95, 7.025, 32.374

Monochromacy



Original Color
95, 17.920, 89.208

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 6.387, 93.251

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 18.068, 88.064 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 18.068, 88.064 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, 206) }
```

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

```
.border{ border-color:rgb(255, 239, 206) }
```

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, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 18.068, 88.064 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, 206) }
```

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

```
.background{ background-color: rgb(255,  
239, 206) }
```

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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