

Converting Colors

CIELCh(95, 18.729, 89.394)

Have a look what the booklet for
CIELCh(95, 18.729, 89.394) contains.

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Color

CIELCh(95, 18.405, 89.677)

Conversions

Conversions Part 1

Format	Color
Hex	FFEFCD
RGB	255, 239, 205
RGB Percent	100%, 94%, 80%
CMY	0.0000, 0.0617, 0.1951
CMYK	0.00, 0.06, 0.20, 0.00
HSL	41°, 100%, 90%
HSV	41°, 20%, 100%
XYZ	83.3328, 87.6183, 70.4396
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, 0.10, 18.40
CIE LCh	95, 18.405, 89.677
Yxy	87.6183, 0.3452, 0.3630
Android (android.graphics.Color)	4294963149 (0xFFFFEFC0)
YUV	239.9080, -17.2096, 13.2357
Hunter-Lab	93.6047, -4.8962, 20.9062

Details

The CIELCh color **95, 18.405, 89.677** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **88, 18.368, 275.248**, 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, 28.046, 88.663**, and if you desaturate by 10%, it is **98, 8.863, 91.256**.

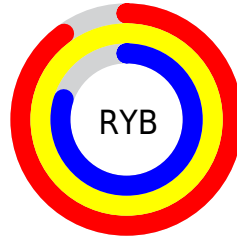
Distribution



Red (100%)

Green (94%)

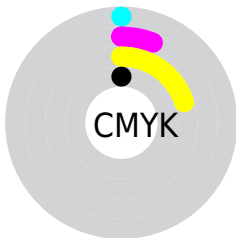
Blue (80%)



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, 18.405, 89.677 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, 18.405, 89.677 by changing the saturation by 10% instead.

 95, 18.405, 89.677

 95, 18.405, 89.677

 100, 18.405,
89.677

 85, 18.405, 89.677

 75, 18.405, 89.677

 65, 18.405, 89.677

 55, 18.405, 89.677

 45, 18.405, 89.677

 35, 18.405, 89.677

 25, 18.405, 89.677

 15, 18.405, 89.677

 5, 18.405, 89.677

95, 18.405, 89.677

95, 18.405, 89.677

92, 28.046, 88.663

98, 8.863, 91.256

90, 37.834, 87.298

100, 0.012,
296.813

88, 47.631, 85.891

85, 57.228, 84.431

83, 66.241, 82.887

81, 74.017, 81.188

79, 79.629, 79.201

77, 82.485, 76.786

77, 82.602, 76.664

Harmonies

Complementary

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



95, 18.405, 89.677



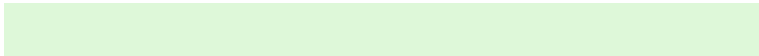
88, 18.368, 275.248

Rectangle

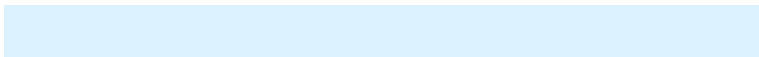
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 18.405, 89.677



95, 18.405, 139.677



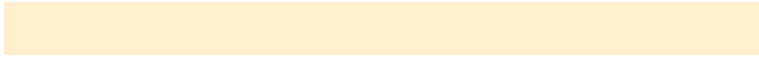
95, 18.405, 269.677



95, 18.405, 319.677

Sweetspot

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



95, 18.373, 89.986



98, 5.570, 91.678



87, 19.975, 356.792



52, 3.698, 91.602



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

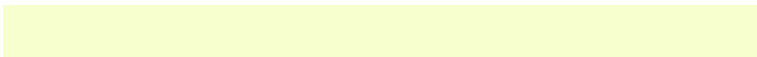
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 18.373, 89.986



94, 21.735, 89.529



98, 25.370, 115.965



52, 5.300, 91.257



59, 66.568, 77.184



19, 28.333, 79.933

Inverse Universe

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



88, 18.368, 275.248



86, 21.725, 275.837



85, 26.479, 298.917



50, 5.308, 273.741



32, 81.116, 297.612



8, 32.554, 292.624

Previews

White Background



This preview shows how the CIELCh color 95, 18.405, 89.677 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, 18.405, 89.677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

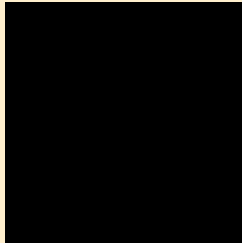
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 18.405, 89.677

Background



This preview shows how black text looks on a background with the CIELCh color 95, 18.405, 89.677.



This preview shows how white text looks on a background with the CIELCh color 95, 18.405, 89.677.

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, 18.046, 93.099

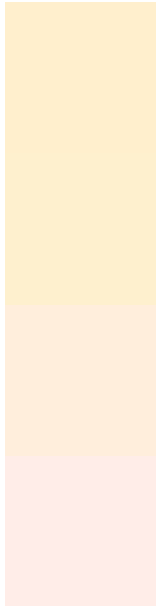
Deuteranopia

95, 7.999, 54.786



Tritanopia
95, 9.757, 336.903

Trichromacy



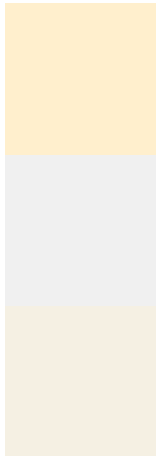
Original Color
95, 18.405, 89.677

Protanomaly
95, 18.153, 91.949

Deuteranomaly
95, 11.136, 75.197

Tritanomaly
95, 6.985, 41.174

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, 18.405, 89.677 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, 18.405, 89.677 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, 18.405, 89.677 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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