

Converting Colors

CIELCh(95, 14.581, 86.892)

Have a look what the booklet for
CIELCh(95, 14.581, 86.892) contains.

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Color

CIELCh(95, 14.421, 86.344)

Conversions

Conversions Part 1

Format	Color
Hex	FEEFD5
RGB	254, 239, 213
RGB Percent	100%, 94%, 84%
CMY	0.0039, 0.0627, 0.1646
CMYK	0.00, 0.06, 0.16, 0.00
HSL	38°, 95%, 92%
HSV	38°, 16%, 100%
XYZ	83.7597, 87.6183, 75.4569
YIQ	240.5210, 17.2860, -4.9060

Conversions

Conversions Part 2

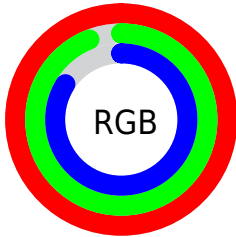
Format	Color
R_{YB}	237, 254, 213
Decimal	16707541
CIE Lab	95.00, 0.92, 14.39
CIE LCh	95, 14.421, 86.344
Yxy	87.6183, 0.3393, 0.3550
Android (android.graphics.Color)	4294897621 (0xFFFEED5)
YUV	240.5210, -13.5679, 11.8211
Hunter-Lab	93.6047, -4.0821, 17.7282

Details

The CIELCh color **95, 14.421, 86.344** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **90, 14.285, 270.748**, 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, 14.542, 86.491** is the 20% darker color. If you saturate the color by 10%, you get **92, 23.662, 85.023**, and if you desaturate by 10%, it is **98, 5.410, 87.616**.

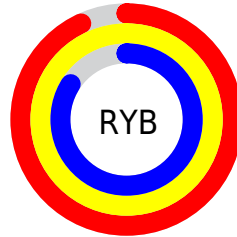
Distribution



Red (100%)

Green (94%)

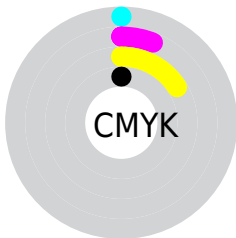
Blue (84%)



Red (93%)

Yellow (100%)

Blue (84%)

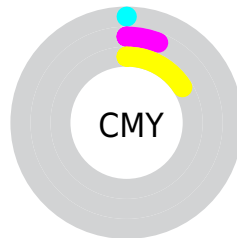


Cyan (0%)

Magenta (6%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 14.421, 86.344 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, 14.421, 86.344 by changing the saturation by 10% instead.

 95, 14.421, 86.344

 95, 14.421, 86.344

 100, 14.421,
86.344

 85, 14.421, 86.344

 75, 14.421, 86.344

 65, 14.421, 86.344

 55, 14.421, 86.344

 45, 14.421, 86.344

 35, 14.421, 86.344

 25, 14.421, 86.344

 15, 14.421, 86.344

 5, 14.421, 86.344

95, 14.421, 86.344

95, 14.421, 86.344

92, 23.662, 85.023

98, 5.410, 87.616

89, 33.110, 83.647

100, 0.343,
201.318

87, 42.702, 82.228

84, 52.298, 80.758

82, 61.617, 79.206

79, 70.137, 77.502

77, 77.009, 75.506

75, 81.222, 72.991

74, 82.315, 71.917

Harmonies

Complementary

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



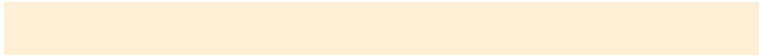
95, 14.421, 86.344



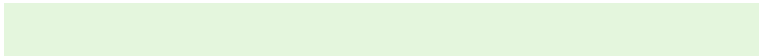
90, 14.285, 270.748

Rectangle

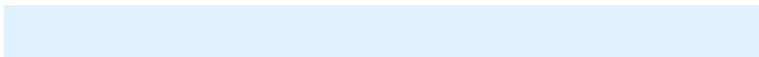
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 14.421, 86.344



95, 14.421, 136.344



95, 14.421, 266.344



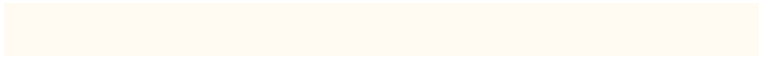
95, 14.421, 316.344

Sweetspot

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



95, 14.422, 86.355



99, 4.411, 87.747



89, 16.801, 353.056



52, 3.013, 87.667



0, 0.000, 0.000



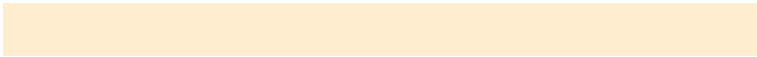
53, 0.007, 296.813

Same Dimension

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



95, 14.422, 86.355



95, 17.096, 85.978



98, 20.853, 114.160



52, 5.050, 87.205



57, 66.470, 72.508



18, 27.703, 75.233

Inverse Universe

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



90, 14.285, 270.748



89, 16.896, 271.213



87, 21.622, 296.800



50, 5.030, 269.757



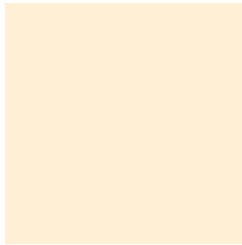
34, 74.904, 294.782



9, 30.047, 289.360

Previews

White Background



This preview shows how the CIELCh color 95, 14.421, 86.344 looks on a white background.

Color Contrast Check

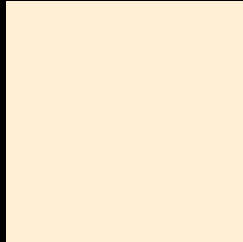
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 95, 14.421, 86.344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

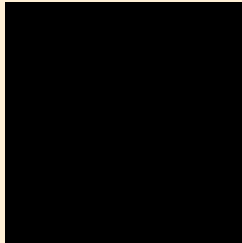
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

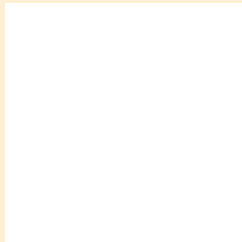
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 14.421, 86.344

Background



This preview shows how black text looks on a background with the CIELCh color 95, 14.421, 86.344.

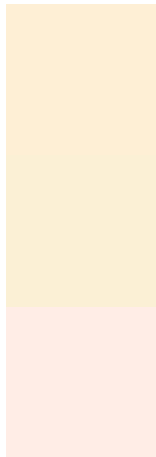


This preview shows how white text looks on a background with the CIELCh color 95, 14.421, 86.344.

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, 14.421, 86.344

Protanopia

95, 14.389, 92.589

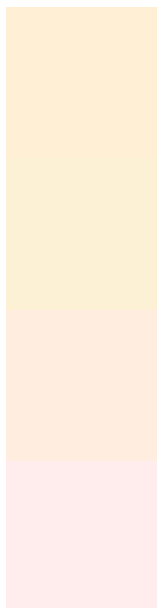
Deuteranopia

95, 7.438, 48.449



Tritanopia
95, 10.113, 334.785

Trichromacy



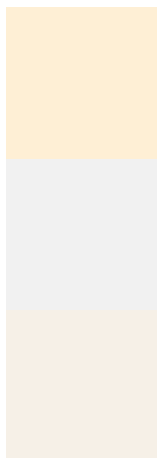
Original Color
95, 14.421, 86.344

Protanomaly
95, 14.499, 91.170

Deuteranomaly
95, 9.483, 68.549

Tritanomaly
95, 6.829, 19.778

Monochromacy



Original Color
95, 14.421, 86.344

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 5.068, 84.580

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 14.421, 86.344 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(254, 239, 213)` looks like.

```
.text, #text, p{  
    color:rgb(254, 239, 213)  
}
```

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(254, 239, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 239, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 14.421, 86.344 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(254, 239, 213) }
```

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

```
.border{ border-color:rgb(254, 239, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 239, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 239, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 239, 213);  
box-shadow:4px 4px 4px 4px rgb(254, 239,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 14.421, 86.344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 239, 213) }
```

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

```
.background{ background-color: rgb(254,  
239, 213) }
```

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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