

Converting Colors

CIELCh(95, 14.410, 81.176)

Have a look what the booklet for
CIELCh(95, 14.410, 81.176) contains.

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Color

CIELCh(95, 14.279, 82.829)

Conversions

Conversions Part 1

Format	Color
Hex	FFEEED5
RGB	255, 238, 213
RGB Percent	100%, 93%, 84%
CMY	0.0000, 0.0647, 0.1628
CMYK	0.00, 0.06, 0.16, 0.00
HSL	36°, 100%, 92%
HSV	36°, 16%, 100%
XYZ	84.2128, 87.6183, 75.7442
YIQ	240.2330, 18.1570, -4.1710

Conversions

Conversions Part 2

Format	Color
R _Y B	242, 255, 213
Decimal	16772821
CIE Lab	95.00, 1.78, 14.17
CIE LCh	95, 14.279, 82.829
Yxy	87.6183, 0.3402, 0.3539
Android (android.graphics.Color)	4294962901 (0xFFFFEED5)
YUV	240.2330, -13.4259, 12.9507
Hunter-Lab	93.6047, -3.2180, 17.5462

Details

The CIELCh color **95, 14.279, 82.829** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **91, 13.963, 267.994**, 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, 14.396, 82.814** is the 20% darker color. If you saturate the color by 10%, you get **92, 23.271, 82.184**, and if you desaturate by 10%, it is **98, 5.389, 84.786**.

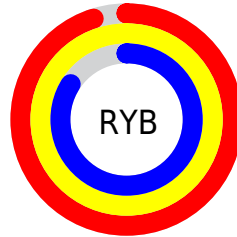
Distribution



Red (100%)

Green (93%)

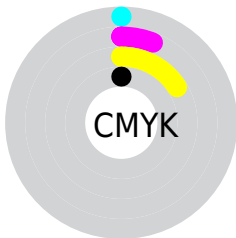
Blue (84%)



Red (95%)

Yellow (100%)

Blue (84%)

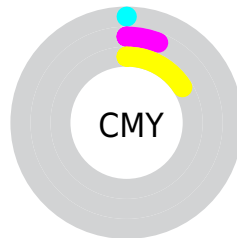


Cyan (0%)

Magenta (6%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 14.279, 82.829 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, 14.279, 82.829 by changing the saturation by 10% instead.

 95, 14.279, 82.829

 95, 14.279, 82.829

 100, 14.279,
82.829

 85, 14.279, 82.829

 75, 14.279, 82.829

 65, 14.279, 82.829

 55, 14.279, 82.829

 45, 14.279, 82.829

 35, 14.279, 82.829

 25, 14.279, 82.829

 15, 14.279, 82.829

 5, 14.279, 82.829

95, 14.279, 82.829

95, 14.279, 82.829

92, 23.271, 82.184

98, 5.389, 84.786

89, 32.601, 80.806

100, 0.012,
296.813

86, 42.134, 79.387

83, 51.746, 77.918

81, 61.172, 76.365

78, 69.906, 74.647

76, 77.093, 72.604

73, 81.668, 69.978

72, 82.878, 68.897

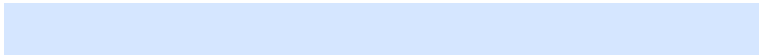
Harmonies

Complementary

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



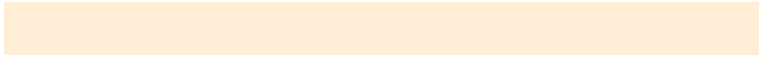
95, 14.279, 82.829



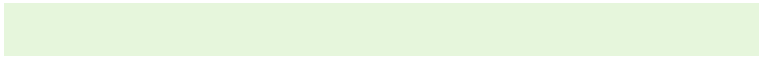
91, 13.963, 267.994

Rectangle

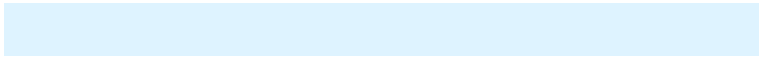
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 14.279, 82.829



95, 14.279, 132.829



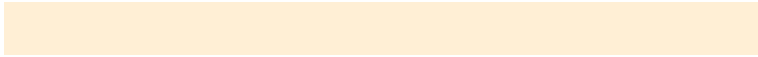
95, 14.279, 262.829



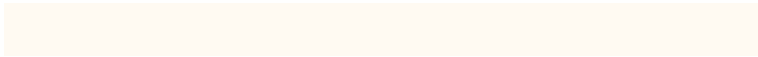
95, 14.279, 312.829

Sweetspot

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



95, 14.197, 83.520



98, 4.279, 84.933



89, 17.324, 350.943



52, 2.924, 84.853



0, 0.000, 0.000



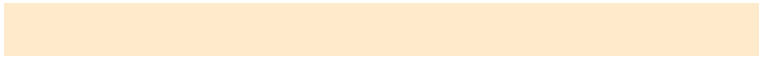
53, 0.007, 296.813

Same Dimension

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



95, 14.197, 83.520



94, 17.540, 83.029



99, 21.051, 112.770



52, 4.904, 84.392



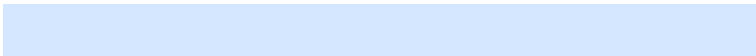
56, 66.681, 69.536



18, 27.401, 72.113

Inverse Universe

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



91, 13.963, 267.994



89, 17.172, 268.610



87, 21.847, 295.604



50, 4.866, 266.971



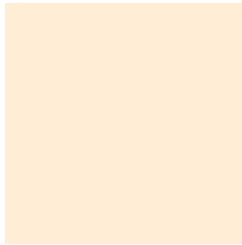
36, 70.884, 292.692



10, 28.473, 286.995

Previews

White Background



This preview shows how the CIE LCh color 95, 14.279, 82.829 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, 14.279, 82.829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

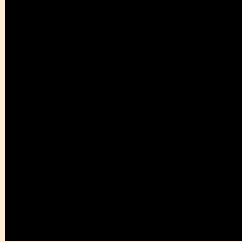
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

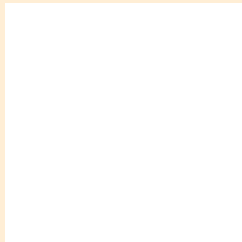
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 14.279, 82.829

Background



This preview shows how black text looks on a background with the CIELCh color 95, 14.279, 82.829.

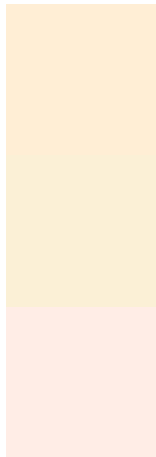


This preview shows how white text looks on a background with the CIELCh color 95, 14.279, 82.829.

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, 14.279, 82.829

Protanopia

95, 13.897, 92.055

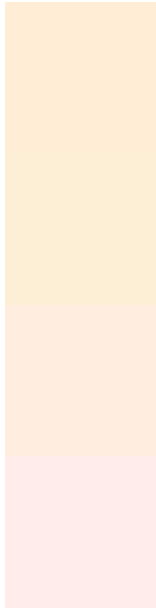
Deuteranopia

95, 7.438, 48.449



Tritanopia
95, 9.757, 336.903

Trichromacy



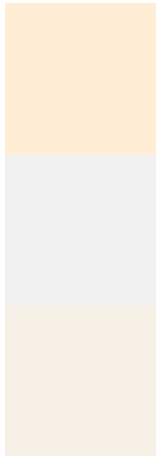
Original Color
95, 14.279, 82.829

Protanomaly
95, 13.664, 88.482

Deuteranomaly
95, 9.483, 68.549

Tritanomaly
95, 6.856, 24.049

Monochromacy



Original Color
95, 14.279, 82.829

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, 14.279, 82.829 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, 238, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 238, 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(255, 238, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 238, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 14.279, 82.829 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, 238, 213) }
```

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

```
.border{ border-color:rgb(255, 238, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 238, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 238, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 238, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 238,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 14.279, 82.829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 238, 213) }
```

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

```
.background{ background-color: rgb(255,  
238, 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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