

Converting Colors

CIELCh(100, 32.655, 42.751)

Have a look what the booklet for
CIELCh(100, 32.655, 42.751)
contains.

CIELCh(95, 14.006, 80.587)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(95, 14.006, 80.587)

Conversions

Conversions Part 1

Format	Color
Hex	FFEED6
RGB	255, 238, 214
RGB Percent	100%, 93%, 84%
CMY	0.0000, 0.0659, 0.1601
CMYK	0.00, 0.07, 0.16, 0.00
HSL	35°, 100%, 92%
HSV	35°, 16%, 100%
XYZ	84.4805, 87.6183, 76.1938
YIQ	240.3470, 17.8360, -3.8600

Conversions

Conversions Part 2

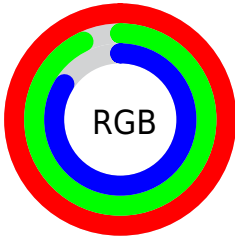
Format	Color
R _Y B	243, 255, 214
Decimal	16772822
CIE Lab	95.00, 2.29, 13.82
CIE LCh	95, 14.006, 80.587
Yxy	87.6183, 0.3402, 0.3529
Android (android.graphics.Color)	4294962902 (0xFFFFEED6)
YUV	240.3470, -12.9891, 12.8507
Hunter-Lab	93.6047, -2.7076, 17.2615

Details

The CIELCh color **95, 14.006, 80.587** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 13.526, 266.669**, 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, 13.909, 81.933** is the 20% darker color. If you saturate the color by 10%, you get **92, 22.779, 80.934**, and if you desaturate by 10%, it is **98, 5.088, 83.526**.

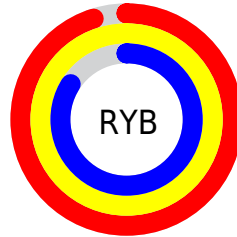
Distribution



Red (100%)

Green (93%)

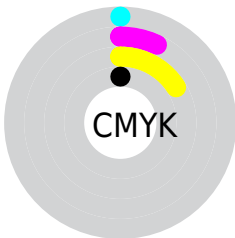
Blue (84%)



Red (95%)

Yellow (100%)

Blue (84%)



Cyan (0%)

Magenta (7%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 14.006, 80.587 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, 14.006, 80.587 by changing the saturation by 10% instead.

 95, 14.006, 80.587

 95, 14.006, 80.587

 100, 14.006,
80.587

 85, 14.006, 80.587

 75, 14.006, 80.587

 65, 14.006, 80.587

 55, 14.006, 80.587

 45, 14.006, 80.587

 35, 14.006, 80.587

 25, 14.006, 80.587

 15, 14.006, 80.587

 5, 14.006, 80.587

95, 14.006, 80.587

95, 14.006, 80.587

92, 22.779, 80.934

98, 5.088, 83.526

89, 32.042, 79.561

100, 0.012,
296.813

86, 41.539, 78.149

83, 51.152, 76.689

80, 60.633, 75.147

77, 69.492, 73.441

75, 76.888, 71.405

73, 81.731, 68.768

72, 83.103, 67.591

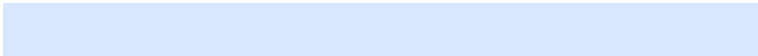
Harmonies

Complementary

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



95, 14.006, 80.587



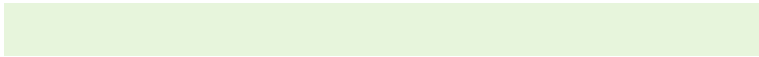
91, 13.526, 266.669

Rectangle

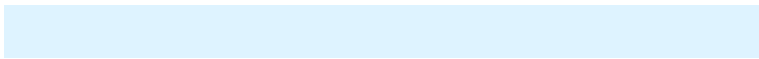
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 14.006, 80.587



95, 14.006, 130.587



95, 14.006, 260.587



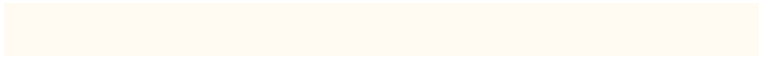
95, 14.006, 310.587

Sweetspot

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



95, 13.792, 82.266



98, 4.225, 83.641



89, 17.194, 349.880



52, 2.887, 83.562



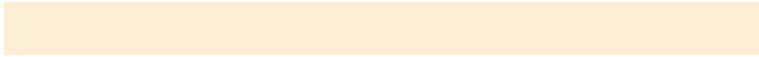
0, 0.000, 0.000



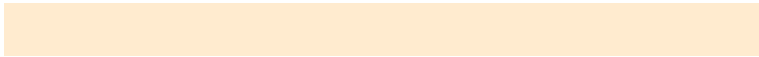
53, 0.007, 296.813

Same Dimension

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



95, 13.792, 82.266



94, 16.449, 81.873



99, 20.682, 112.101



52, 4.844, 83.101



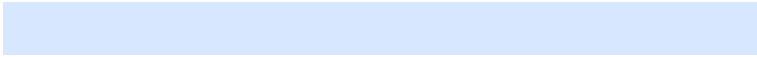
55, 66.839, 68.246



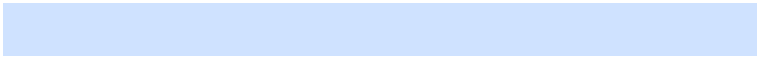
18, 27.295, 70.722

Inverse Universe

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



91, 13.526, 266.669



89, 16.063, 267.160



87, 21.454, 294.970



50, 4.797, 265.688



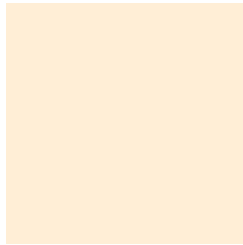
37, 69.123, 291.699



10, 27.792, 285.882

Previews

White Background



This preview shows how the CIE LCh color 95, 14.006, 80.587 looks on a white background.

Color Contrast Check

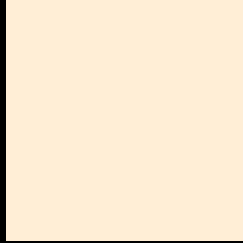
Large Text (above 18pt) WCAG AA × Fail

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, 14.006, 80.587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

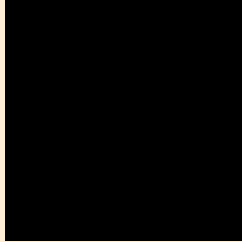
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 14.006, 80.587

Background



This preview shows how black text looks on a background with the CIELCh color 95, 14.006, 80.587.

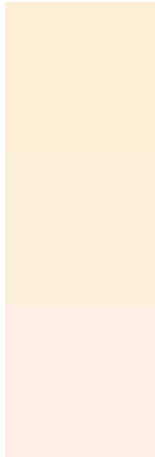


This preview shows how white text looks on a background with the CIELCh color 95, 14.006, 80.587.

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, 13.817, 81.962

Protanopia

95, 13.407, 91.478

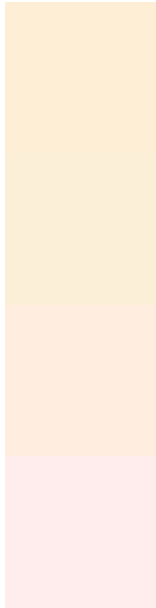
Deuteranopia

95, 7.438, 48.449



Tritanopia
95, 9.757, 336.903

Trichromacy



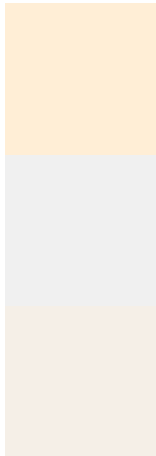
Original Color
95, 13.817, 81.962

Protanomaly
95, 13.183, 87.766

Deuteranomaly
95, 9.361, 64.854

Tritanomaly
95, 6.829, 19.778

Monochromacy



Original Color
95, 13.817, 81.962

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 4.611, 81.936

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 14.006, 80.587 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 238, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 238, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 14.006, 80.587 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, 214) }
```

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

```
.border{ border-color:rgb(255, 238, 214) }
```

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, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 238, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 238, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 238,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 14.006, 80.587 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, 214) }
```

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

```
.background{ background-color: rgb(255,  
238, 214) }
```

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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