

Converting Colors

CIELCh(100, 27.148, 42.811)

Have a look what the booklet for
CIELCh(100, 27.148, 42.811)
contains.

CIELCh(95, 11.614, 80.943)	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, 11.614, 80.943)

Conversions

Conversions Part 1

Format	Color
Hex	FEEFDB
RGB	254, 239, 219
RGB Percent	100%, 94%, 86%
CMY	0.0054, 0.0641, 0.1425
CMYK	0.00, 0.06, 0.14, 0.01
HSL	34°, 93%, 93%
HSV	34°, 14%, 99%
XYZ	84.2369, 87.6183, 79.2568
YIQ	241.2050, 15.3600, -3.0400

Conversions

Conversions Part 2

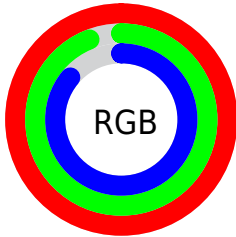
Format	Color
RYB	245, 254, 219
Decimal	16707547
CIELab	95.00, 1.83, 11.47
CIELCh	95, 11.614, 80.943
Yxy	87.6183, 0.3355, 0.3489
Android (android.graphics.Color)	4294897627 (0xFFFEEDB)
YUV	241.2050, -10.9471, 11.2212
Hunter-Lab	93.6047, -3.1720, 15.3213

Details

The CIELCh color **95, 11.614, 80.943** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 11.390, 264.721**, 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, 11.593, 80.998** is the 20% darker color. If you saturate the color by 10%, you get **92, 20.404, 79.641**, and if you desaturate by 10%, it is **98, 3.127, 82.161**.

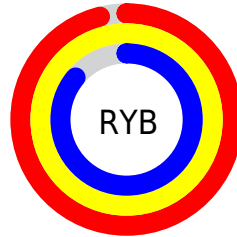
Distribution



Red (100%)

Green (94%)

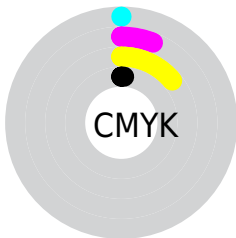
Blue (86%)



Red (96%)

Yellow (100%)

Blue (86%)

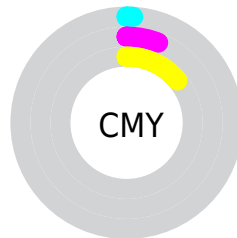


Cyan (0%)

Magenta (6%)

Yellow (14%)

Black (1%)



Cyan (1%)

Magenta (6%)

Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 11.614, 80.943 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, 11.614, 80.943 by changing the saturation by 10% instead.

 95, 11.614, 80.943

 95, 11.614, 80.943

 100, 11.614,
80.943

 85, 11.614, 80.943

 75, 11.614, 80.943

 65, 11.614, 80.943

 55, 11.614, 80.943

 45, 11.614, 80.943

 35, 11.614, 80.943

 25, 11.614, 80.943

 15, 11.614, 80.943

 5, 11.614, 80.943

95, 11.614, 80.943

95, 11.614, 80.943

92, 20.404, 79.641

98, 3.127, 82.161

89, 29.497, 78.285

100, 0.479,
200.758

86, 38.865, 76.894

83, 48.424, 75.461

80, 57.971, 73.959

77, 67.098, 72.317

74, 75.058, 70.384

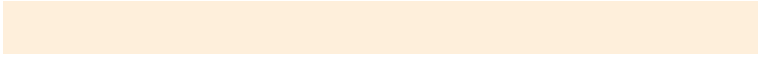
72, 80.764, 67.895

70, 83.095, 66.047

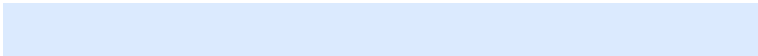
Harmonies

Complementary

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



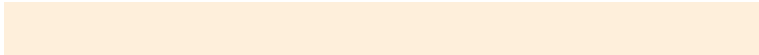
95, 11.614, 80.943



92, 11.390, 264.721

Rectangle

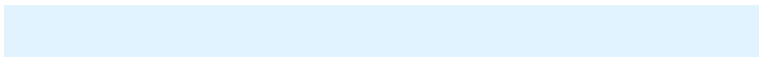
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 11.614, 80.943



95, 11.614, 130.943



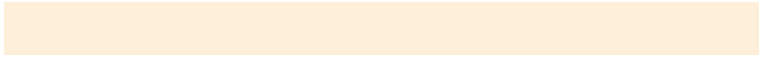
95, 11.614, 260.943



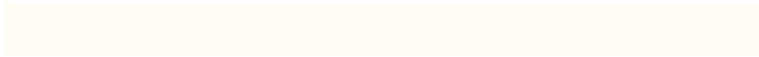
95, 11.614, 310.943

Sweetspot

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



95, 11.615, 80.956



99, 3.322, 82.140



91, 14.841, 348.638



52, 2.365, 82.062



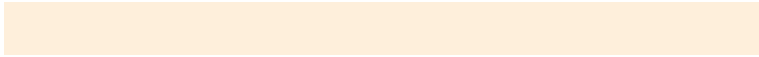
0, 0.000, 0.000



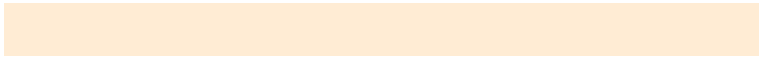
53, 0.007, 296.813

Same Dimension

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



95, 11.615, 80.956



94, 14.473, 80.538



99, 17.725, 111.602



52, 4.775, 81.499



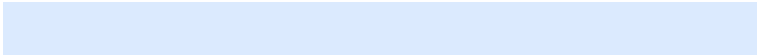
54, 67.082, 66.707



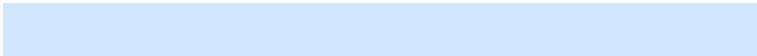
17, 27.189, 69.031

Inverse Universe

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



92, 11.390, 264.721



91, 14.114, 265.231



88, 18.295, 294.123



50, 4.718, 264.090



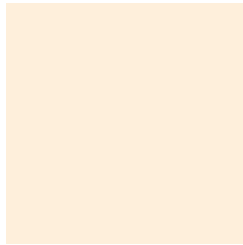
37, 67.007, 290.434



10, 26.983, 284.473

Previews

White Background



This preview shows how the CIE LCh color 95, 11.614, 80.943 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, 11.614, 80.943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

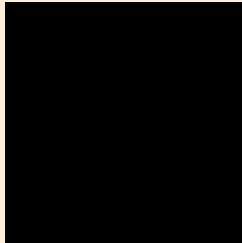
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 11.614, 80.943

Background



This preview shows how black text looks on a background with the CIELCh color 95, 11.614, 80.943.

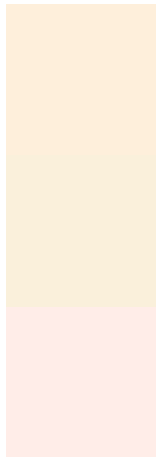


This preview shows how white text looks on a background with the CIELCh color 95, 11.614, 80.943.

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, 11.624, 80.936

Protanopia

95, 11.340, 90.400

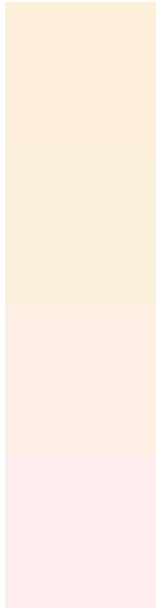
Deuteranopia

95, 6.985, 41.174



Tritanopia
95, 10.481, 332.816

Trichromacy



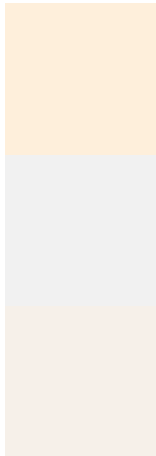
Original Color
95, 11.624, 80.936

Protanomaly
95, 11.465, 88.646

Deuteranomaly
95, 8.090, 63.613

Tritanomaly
95, 6.628, 6.375

Monochromacy



Original Color
95, 11.624, 80.936

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 4.159, 78.711

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 11.614, 80.943 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(254, 239, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 239, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 11.614, 80.943 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, 219) }
```

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

```
.border{ border-color:rgb(254, 239, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 239, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 239, 219);  
box-shadow:4px 4px 4px 4px rgb(254, 239,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 11.614, 80.943 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, 219) }
```

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

```
.background{ background-color: rgb(254,  
239, 219) }
```

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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