

Converting Colors

CIELCh(100, 30.949, 44.954)

Have a look what the booklet for
CIELCh(100, 30.949, 44.954)
contains.

CIELCh(95, 14.103, 84.204)	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, 14.103, 84.204)

Conversions

Conversions Part 1

Format	Color
Hex	FFEFD6
RGB	255, 239, 214
RGB Percent	100%, 94%, 84%
CMY	0.0011, 0.0638, 0.1618
CMYK	0.00, 0.06, 0.16, 0.00
HSL	37°, 99%, 92%
HSV	37°, 16%, 100%
XYZ	84.0245, 87.6183, 75.9193
YIQ	240.9340, 17.5610, -4.3830

Conversions

Conversions Part 2

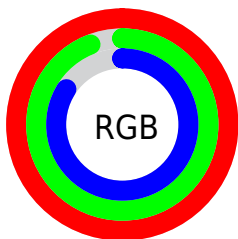
Format	Color
R _Y B	240, 255, 214
Decimal	16773078
CIE Lab	95.00, 1.42, 14.03
CIE LCh	95, 14.103, 84.204
Yxy	87.6183, 0.3394, 0.3539
Android (android.graphics.Color)	4294963158 (0xFFFFEFD6)
YUV	240.9340, -13.2785, 12.3359
Hunter-Lab	93.6047, -3.5771, 17.4353

Details

The CIELCh color **95, 14.103, 84.204** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **91, 13.898, 268.627**, 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, 14.206, 84.269** is the 20% darker color. If you saturate the color by 10%, you get **92, 23.210, 82.880**, and if you desaturate by 10%, it is **98, 5.256, 85.478**.

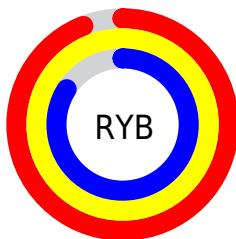
Distribution



Red (100%)

Green (94%)

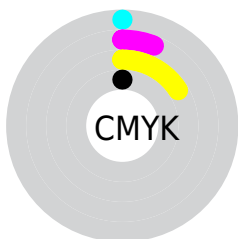
Blue (84%)



Red (94%)

Yellow (100%)

Blue (84%)

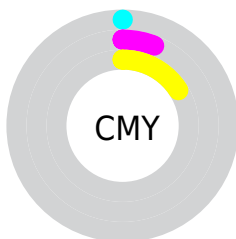


Cyan (0%)

Magenta (6%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 14.103, 84.204 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, 14.103, 84.204 by changing the saturation by 10% instead.

 95, 14.103, 84.204

 95, 14.103, 84.204

 100, 14.103,
84.204

 85, 14.103, 84.204

 75, 14.103, 84.204

 65, 14.103, 84.204

 55, 14.103, 84.204

 45, 14.103, 84.204

 35, 14.103, 84.204

 25, 14.103, 84.204

 15, 14.103, 84.204

 5, 14.103, 84.204

95, 14.103, 84.204

95, 14.103, 84.204

92, 23.210, 82.880

98, 5.256, 85.478

89, 32.559, 81.501

100, 0.097,
206.236

86, 42.100, 80.082

84, 51.705, 78.612

81, 61.108, 77.059

78, 69.805, 75.345

76, 76.948, 73.317

74, 81.481, 70.723

73, 82.710, 69.596

Harmonies

Complementary

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



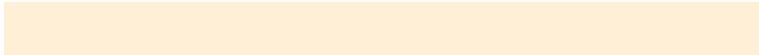
95, 14.103, 84.204



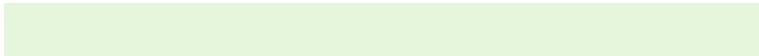
91, 13.898, 268.627

Rectangle

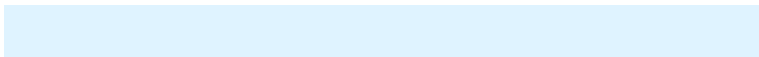
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 14.103, 84.204



95, 14.103, 134.204



95, 14.103, 264.204



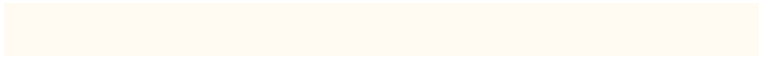
95, 14.103, 314.204

Sweetspot

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



95, 14.104, 84.215



98, 4.309, 85.604



89, 17.103, 350.923



52, 2.944, 85.524



0, 0.000, 0.000



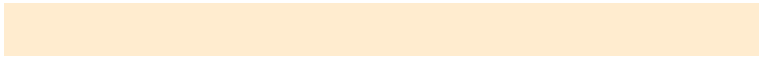
53, 0.007, 296.813

Same Dimension

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



95, 14.104, 84.215



94, 16.740, 83.832



99, 20.789, 112.786



52, 4.937, 85.062



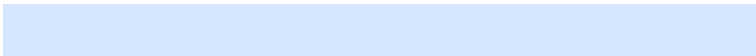
56, 66.613, 70.224



18, 27.464, 72.845

Inverse Universe

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



91, 13.898, 268.627



89, 16.442, 269.103



87, 21.565, 295.585



50, 4.903, 267.636



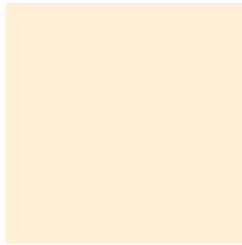
36, 71.819, 293.199



9, 28.836, 287.566

Previews

White Background



This preview shows how the CIE LCh color 95, 14.103, 84.204 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, 14.103, 84.204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

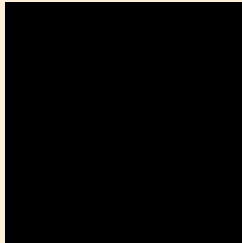
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 14.103, 84.204

Background



This preview shows how black text looks on a background with the CIELCh color 95, 14.103, 84.204.

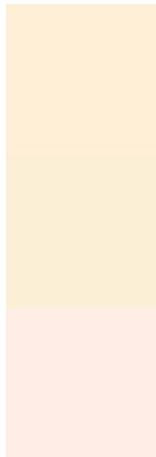


This preview shows how white text looks on a background with the CIELCh color 95, 14.103, 84.204.

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, 14.103, 84.204

Protanopia

95, 13.897, 92.055

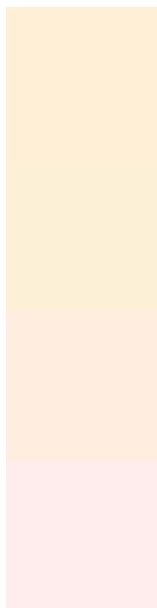
Deuteranopia

95, 7.438, 48.449



Tritanopia
95, 10.113, 334.785

Trichromacy



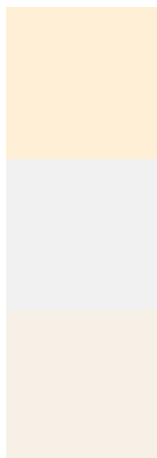
Original Color
95, 14.103, 84.204

Protanomaly
95, 14.011, 90.593

Deuteranomaly
95, 9.483, 68.549

Tritanomaly
95, 6.829, 19.778

Monochromacy



Original Color
95, 14.103, 84.204

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, 14.103, 84.204 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 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, 239, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 14.103, 84.204 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, 214) }
```

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

```
.border{ border-color:rgb(255, 239, 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, 239, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 14.103, 84.204 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, 214) }
```

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

```
.background{ background-color: rgb(255,  
239, 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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