

Converting Colors

CIELCh(95, 15.968, 92.694)

Have a look what the booklet for
CIELCh(95, 15.968, 92.694) contains.

CIELCh(95, 15.971, 92.675)	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, 15.971, 92.675)

Conversions

Conversions Part 1

Format	Color
Hex	FCF0D2
RGB	252, 240, 210
RGB Percent	99%, 94%, 82%
CMY	0.0120, 0.0590, 0.1767
CMYK	0.00, 0.05, 0.17, 0.01
HSL	43°, 87%, 91%
HSV	43°, 17%, 99%
XYZ	82.8900, 87.6183, 73.4767
YIQ	240.1680, 16.7820, -6.7860

Conversions

Conversions Part 2

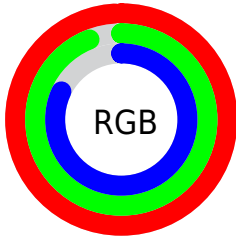
Format	Color
R _Y B	227, 252, 210
Decimal	16576722
CIE Lab	95.00, -0.75, 15.95
CIE LCh	95, 15.971, 92.675
Yxy	87.6183, 0.3397, 0.3591
Android (android.graphics.Color)	4294766802 (0xFFFCF0D2)
YUV	240.1680, -14.8728, 10.3767
Hunter-Lab	93.6047, -5.7406, 18.9825

Details

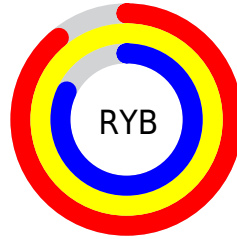
The CIELCh color **95, 15.971, 92.675** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **88, 16.061, 277.037**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 16.173, 93.010** is the 20% darker color. If you saturate the color by 10%, you get **93, 25.747, 91.399**, and if you desaturate by 10%, it is **97, 6.333, 93.910**.

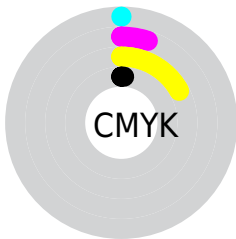
Distribution



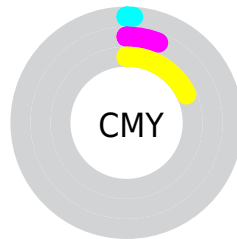
- Red (99%)
- Green (94%)
- Blue (82%)



- Red (89%)
- Yellow (99%)
- Blue (82%)



- Cyan (0%)
- Magenta (5%)
- Yellow (17%)
- Black (1%)



- Cyan (1%)
- Magenta (6%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 15.971, 92.675 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, 15.971, 92.675 by changing the saturation by 10% instead.

 95, 15.971, 92.675

 95, 15.971, 92.675

 100, 15.971,
92.675

 85, 15.971, 92.675

 75, 15.971, 92.675

 65, 15.971, 92.675

 55, 15.971, 92.675

 45, 15.971, 92.675

 35, 15.971, 92.675

 25, 15.971, 92.675

 15, 15.971, 92.675

 5, 15.971, 92.675

95, 15.971, 92.675

95, 15.971, 92.675

93, 25.747, 91.399

97, 6.333, 93.910

90, 35.609, 90.072

100, 0.898,
222.246

88, 45.462, 88.708

100, 1.064,
199.961

86, 55.119, 87.303

84, 64.240, 85.837

82, 72.249, 84.265

80, 78.300, 82.494

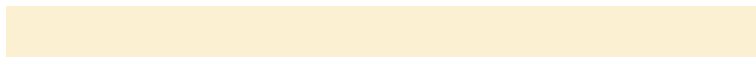
79, 81.544, 80.378

78, 82.213, 79.619

Harmonies

Complementary

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



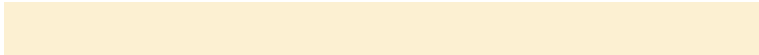
95, 15.971, 92.675



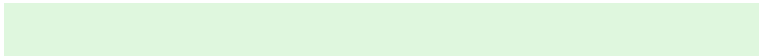
88, 16.061, 277.037

Rectangle

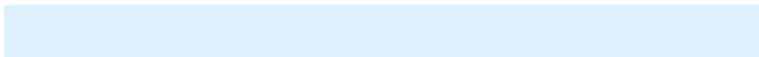
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 15.971, 92.675



95, 15.971, 142.675



95, 15.971, 272.675



95, 15.971, 322.675

Sweetspot

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



95, 15.972, 92.684



99, 4.785, 94.100



88, 16.688, 357.612



53, 3.268, 94.021



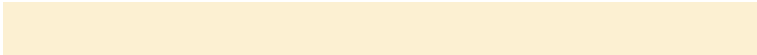
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

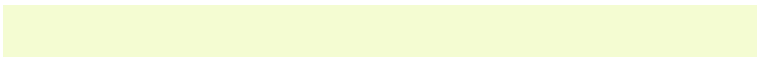
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 15.972, 92.684



95, 19.403, 92.259



97, 21.529, 116.848



51, 5.377, 93.573



60, 66.228, 80.091



19, 27.671, 82.801

Inverse Universe

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



88, 16.061, 277.037



87, 19.529, 277.564



86, 22.314, 299.261



49, 5.402, 276.002



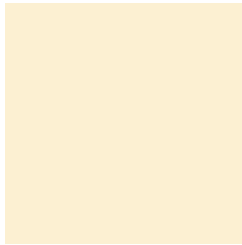
30, 83.943, 299.098



7, 32.751, 293.763

Previews

White Background



This preview shows how the CIE LCh color 95, 15.971, 92.675 looks on a white background.

Color Contrast Check

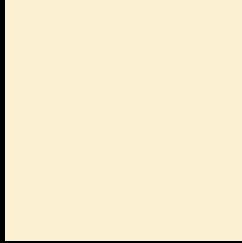
Large Text (above 18pt) WCAG AA × Fail

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, 15.971, 92.675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

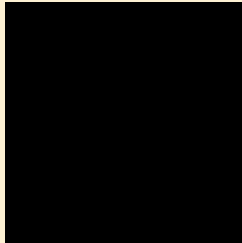
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 15.971, 92.675

Background



This preview shows how black text looks on a background with the CIELCh color 95, 15.971, 92.675.



This preview shows how white text looks on a background with the CIELCh color 95, 15.971, 92.675.

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, 15.971, 92.675

Protanopia

95, 15.971, 92.675

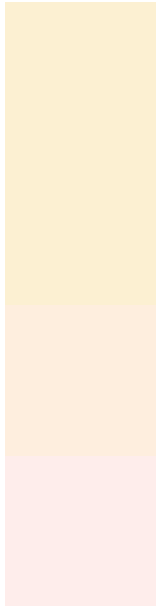
Deuteranopia

95, 7.707, 51.734



Tritanopia
95, 10.481, 332.816

Trichromacy



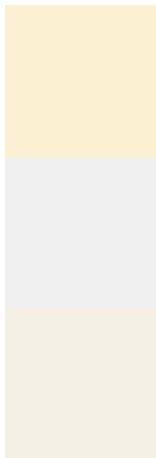
Original Color
95, 15.971, 92.675

Protanomaly
95, 15.971, 92.675

Deuteranomaly
95, 10.070, 73.824

Tritanomaly
95, 6.195, 29.206

Monochromacy



Original Color
95, 15.971, 92.675

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 5.798, 95.323

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 15.971, 92.675 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(252, 240, 210)` looks like.

```
.text, #text, p{  
    color:rgb(252, 240, 210)  
}
```

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(252, 240, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 240, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 15.971, 92.675 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(252, 240, 210) }
```

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

```
.border{ border-color:rgb(252, 240, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 240, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 240, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 240, 210);  
box-shadow:4px 4px 4px 4px rgb(252, 240,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 15.971, 92.675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 240, 210) }
```

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

```
.background{ background-color: rgb(252,  
240, 210) }
```

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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