

Converting Colors

CIELCh(95, 10.689, 102.136)

Have a look what the booklet for
CIELCh(95, 10.689, 102.136)
contains.

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Color

CIELCh(95, 10.829, 101.563)

Conversions

Conversions Part 1

Format	Color
Hex	F5F1DC
RGB	245, 241, 220
RGB Percent	96%, 95%, 86%
CMY	0.0386, 0.0543, 0.1366
CMYK	0.00, 0.02, 0.10, 0.04
HSL	50°, 56%, 91%
HSV	50°, 10%, 96%
XYZ	82.1503, 87.6183, 80.3988
YIQ	239.8020, 9.1250, -5.6830

Conversions

Conversions Part 2

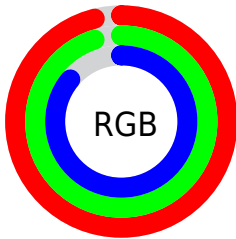
Format	Color
R _{YB}	225, 245, 220
Decimal	16118236
CIE Lab	95.00, -2.17, 10.61
CIE LCh	95, 10.829, 101.563
Yxy	87.6183, 0.3284, 0.3502
Android (android.graphics.Color)	4294308316 (0xFFF5F1DC)
YUV	239.8020, -9.7624, 4.5586
Hunter-Lab	93.6047, -7.1512, 14.5979

Details

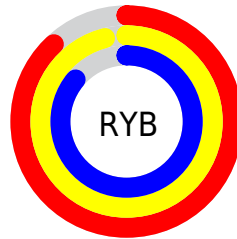
The CIELCh color **95, 10.829, 101.563** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 10.995, 283.927**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 10.848, 100.929** is the 20% darker color. If you saturate the color by 10%, you get **94, 21.501, 100.444**, and if you desaturate by 10%, it is **97, 0.199, 101.900**.

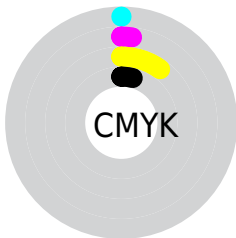
Distribution



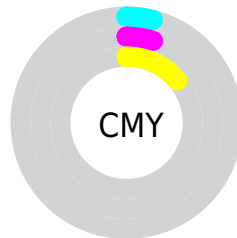
- Red (96%)
- Green (95%)
- Blue (86%)



- Red (88%)
- Yellow (96%)
- Blue (86%)



- Cyan (0%)
- Magenta (2%)
- Yellow (10%)
- Black (4%)





- Cyan (4%)
- Magenta (5%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 10.829, 101.563 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, 10.829, 101.563 by changing the saturation by 10% instead.


 95, 10.829,
101.563


 95, 10.829,
101.563


 100, 10.829,
101.563


 85, 10.829,
101.563

 75, 10.829,
101.563

 65, 10.829,
101.563

 55, 10.829,
101.563

 45, 10.829,
101.563

 35, 10.829,
101.563

 25, 10.829,

101.563

■ 15, 10.829,
101.563

■ 5, 10.829, 101.563

■ 95, 10.829,
101.563

■ 95, 10.829,
101.563

■ 94, 21.501,
100.444

■ 97, 0.199, 101.900

■ 92, 32.152, 99.285

■ 98, 3.327, 266.910

■ 91, 42.685, 98.110

■ 99, 2.871, 221.201

■ 89, 52.929, 96.930

■ 99, 3.403, 199.384

■ 88, 62.595, 95.755

■ 87, 71.224, 94.590

■ 86, 78.152, 93.432

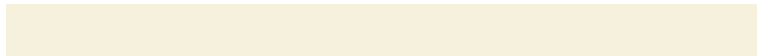
■ 85, 82.629, 92.254

■ 84, 84.477, 91.044

Harmonies

Complementary

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



95, 10.829, 101.563



90, 10.995, 283.927

Rectangle

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



95, 10.829, 101.563



95, 10.829, 151.563



95, 10.829, 281.563



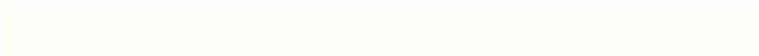
95, 10.829, 331.563

Sweetspot

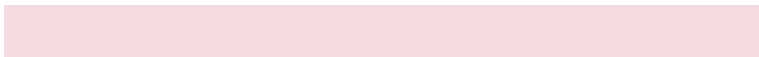
The Sweet Spot groups the original color and five complimentary colors.



95, 10.831, 101.574



100, 3.275, 102.337



90, 9.350, 6.708



53, 2.485, 102.259



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, 10.831, 101.574



98, 13.165, 101.371



95, 13.142, 122.498



50, 6.027, 101.653



65, 68.805, 91.271



21, 29.063, 93.183

Inverse Universe

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



90, 10.995, 283.927



91, 13.395, 284.161



89, 13.399, 303.623



47, 6.114, 283.838



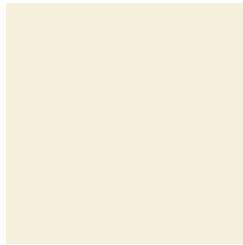
25, 96.196, 303.640



5, 35.483, 296.863

Previews

White Background



This preview shows how the CIELCh color 95, 10.829, 101.563 looks on a white background.

Color Contrast Check

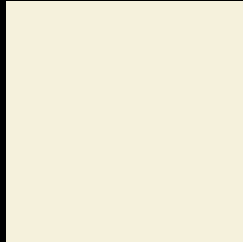
Large Text (above 18pt) WCAG AA × Fail

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, 10.829, 101.563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

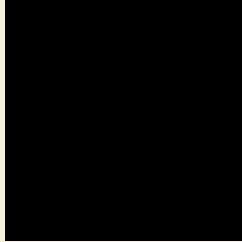
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

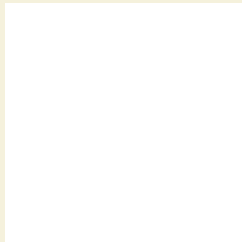
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 10.829, 101.563

Background



This preview shows how black text looks on a background with the CIELCh color 95, 10.829, 101.563.

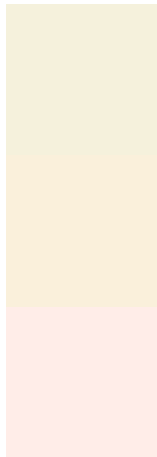


This preview shows how white text looks on a background with the CIELCh color 95, 10.829, 101.563.

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, 10.829, 101.563

Protanopia

95, 11.340, 90.400

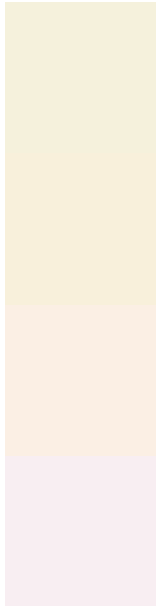
Deuteranopia

95, 6.985, 41.174



Tritanopia
95, 10.970, 317.185

Trichromacy



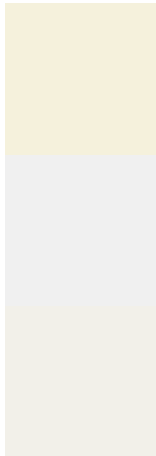
Original Color
95, 10.829, 101.563

Protanomaly
95, 11.125, 94.011

Deuteranomaly
95, 7.099, 71.867

Tritanomaly
95, 4.117, 349.648

Monochromacy



Original Color
95, 10.829, 101.563

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 3.643, 98.555

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 10.829, 101.563 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(245, 241, 220)` looks like.

```
.text, #text, p{  
    color:rgb(245, 241, 220)  
}
```

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(245, 241, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 241, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 10.829, 101.563 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(245, 241, 220) }
```

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

```
.border{ border-color:rgb(245, 241, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 241, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 241, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 241, 220);  
box-shadow:4px 4px 4px 4px rgb(245, 241,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 10.829, 101.563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 241, 220) }
```

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

```
.background{ background-color: rgb(245,  
241, 220) }
```

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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