

Converting Colors

CIELCh(95, 10.323, 101.231)

Have a look what the booklet for
CIELCh(95, 10.323, 101.231)
contains.

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Color

CIELCh(95, 10.323, 101.231)

Conversions

Conversions Part 1

Format	Color
Hex	F5F1DD
RGB	245, 241, 221
RGB Percent	96%, 95%, 87%
CMY	0.0389, 0.0545, 0.1330
CMYK	0.00, 0.02, 0.10, 0.04
HSL	50°, 55%, 91%
HSV	50°, 10%, 96%
XYZ	82.2331, 87.6183, 81.0462
YIQ	239.9160, 8.8040, -5.3720

Conversions

Conversions Part 2

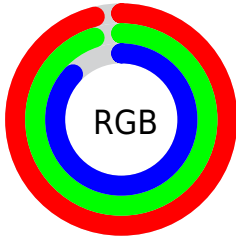
Format	Color
R_{YB}	226, 245, 221
Decimal	16118237
CIE _{Lab}	95.00, -2.01, 10.13
CIE _{LCh}	95, 10.323, 101.231
Yxy	87.6183, 0.3278, 0.3492
Android (android.graphics.Color)	4294308317 (0xFFF5F1DD)
YUV	239.9160, -9.3256, 4.4587
Hunter-Lab	93.6047, -6.9932, 14.1879

Details

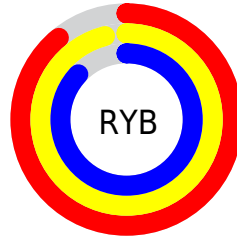
The CIELCh color **95, 10.323, 101.231** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90, 10.472, 283.513**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 10.317, 100.571** is the 20% darker color. If you saturate the color by 10%, you get **93, 20.923, 100.107**, and if you desaturate by 10%, it is **97, 0.229, 283.076**.

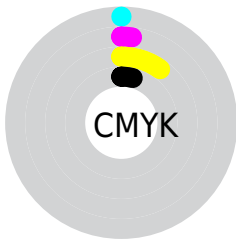
Distribution



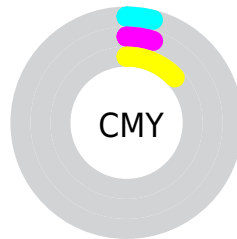
- Red (96%)
- Green (95%)
- Blue (87%)



- Red (89%)
- Yellow (96%)
- Blue (87%)



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





- Cyan (4%)
- Magenta (5%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 10.323, 101.231 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, 10.323, 101.231 by changing the saturation by 10% instead.


 95, 10.323,
101.231


 95, 10.323,
101.231


 100, 10.323,
101.231


 85, 10.323,
101.231

 75, 10.323,
101.231

 65, 10.323,
101.231

 55, 10.323,
101.231

 45, 10.323,
101.231

 35, 10.323,
101.231

 25, 10.323,

101.231

■ 15, 10.323,
101.231

■ 5, 10.323, 101.231

■ 95, 10.323,
101.231

■ 95, 10.323,
101.231

■ 93, 20.923,
100.107

■ 97, 0.229, 283.076

■ 92, 31.513, 98.941

■ 98, 3.251, 264.137

■ 91, 41.999, 97.757

■ 99, 2.962, 216.072

■ 89, 52.216, 96.566

■ 99, 3.425, 199.381

■ 88, 61.885, 95.375

■ 87, 70.555, 94.191

■ 86, 77.572, 93.005

■ 84, 82.175, 91.791

■ 83, 84.129, 90.507

Harmonies

Complementary

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



95, 10.323, 101.231



90, 10.472, 283.513

Rectangle

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



95, 10.323, 101.231



95, 10.323, 151.231



95, 10.323, 281.231



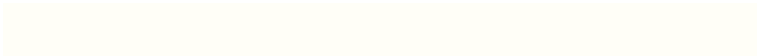
95, 10.323, 331.231

Sweetspot

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



95, 10.325, 101.242



99, 3.252, 101.964



90, 8.966, 6.665



53, 2.467, 101.886



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, 10.325, 101.242



98, 13.075, 100.993



95, 12.617, 122.521



50, 5.985, 101.277



65, 68.562, 90.718



20, 28.908, 92.693

Inverse Universe

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



90, 10.472, 283.513



91, 13.295, 283.799



89, 12.855, 303.598



47, 6.069, 283.475



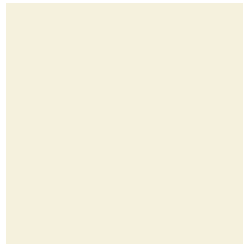
25, 95.608, 303.460



5, 35.299, 296.719

Previews

White Background



This preview shows how the CIELCh color 95, 10.323, 101.231 looks on a white background.

Color Contrast Check

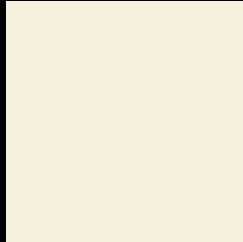
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 95, 10.323, 101.231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

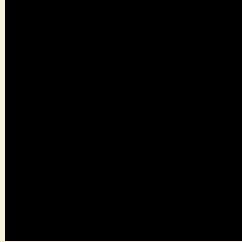
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

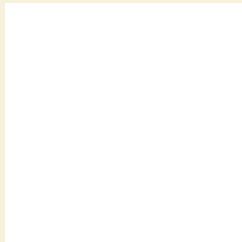
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 10.323, 101.231

Background



This preview shows how black text looks on a background with the CIELCh color 95, 10.323, 101.231.

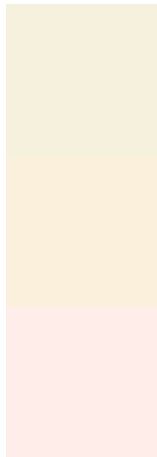


This preview shows how white text looks on a background with the CIELCh color 95, 10.323, 101.231.

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, 10.323, 101.231

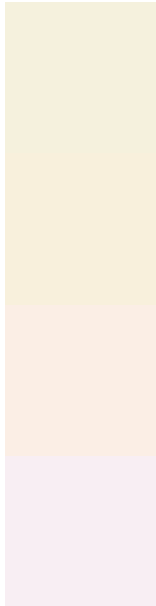
Protanopia
95, 10.855, 89.591

Deuteranopia
95, 6.806, 37.203



Tritanopia
95, 10.970, 317.185

Trichromacy



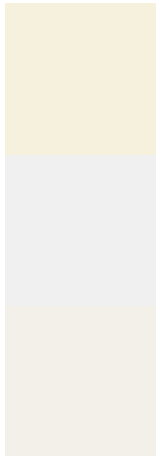
Original Color
95, 10.323, 101.231

Protanomaly
95, 10.631, 93.345

Deuteranomaly
95, 6.572, 63.993

Tritanomaly
95, 4.397, 343.875

Monochromacy



Original Color
95, 10.323, 101.231

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, 10.323, 101.231 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(245, 241, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 241, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 10.323, 101.231 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, 221) }
```

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

```
.border{ border-color:rgb(245, 241, 221) }
```

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, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 241, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 241, 221);  
box-shadow:4px 4px 4px 4px rgb(245, 241,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 10.323, 101.231 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, 221) }
```

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

```
.background{ background-color: rgb(245,  
241, 221) }
```

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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