

Converting Colors

CIELCh(95, 23.630, 110.450)

Have a look what the booklet for
CIELCh(95, 23.630, 110.450)
contains.

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Color

CIELCh(95, 23.436, 110.183)

Conversions

Conversions Part 1

Format	Color
Hex	F2F4C6
RGB	242, 244, 198
RGB Percent	95%, 96%, 78%
CMY	0.0512, 0.0433, 0.2237
CMYK	0.01, 0.00, 0.19, 0.04
HSL	63°, 68%, 87%
HSV	63°, 19%, 96%
XYZ	79.1273, 87.6183, 66.1416
YIQ	238.1580, 13.5740, -14.7300

Conversions

Conversions Part 2

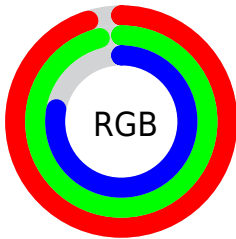
Format	Color
RYB	198, 244, 200
Decimal	15922374
CIELab	95.00, -8.09, 22.00
CIElCh	95, 23.436, 110.183
Yxy	87.6183, 0.3398, 0.3762
Android (android.graphics.Color)	4294112454 (0xFFFF2F4C6)
YUV	238.1580, -19.7979, 3.3694
Hunter-Lab	93.6047, -12.9159, 23.6286

Details

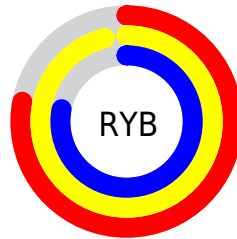
The CIELCh color **95, 23.436, 110.183** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **81, 24.486, 293.858**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 23.498, 109.887** is the 20% darker color. If you saturate the color by 10%, you get **94, 35.674, 109.280**, and if you desaturate by 10%, it is **96, 11.037, 111.095**.

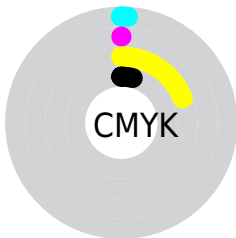
Distribution



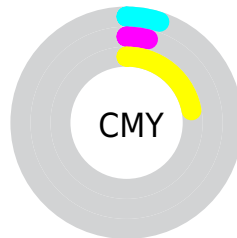
- Red (95%)
- Green (96%)
- Blue (78%)



- Red (78%)
- Yellow (96%)
- Blue (78%)



- Cyan (1%)
- Magenta (0%)
- Yellow (19%)
- Black (4%)





- Cyan (5%)
- Magenta (4%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 23.436, 110.183 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, 23.436, 110.183 by changing the saturation by 10% instead.


 95, 23.436,
110.183


 95, 23.436,
110.183


 100, 23.436,
110.183


 85, 23.436,
110.183

 75, 23.436,
110.183

 65, 23.436,
110.183

 55, 23.436,
110.183

 45, 23.436,
110.183

 35, 23.436,
110.183

 25, 23.436,

110.183

■ 15, 23.436,
110.183

■ 5, 23.436, 110.183

■ 95, 23.436,
110.183

■ 95, 23.436,
110.183

■ 94, 35.674,
109.280

■ 96, 11.037,
111.095

■ 94, 47.609,
108.394

■ 96, 1.440, 292.035

■ 94, 59.029,
107.557

■ 97, 5.681, 294.757

■ 93, 69.611,
106.805

■ 97, 5.724, 298.433

■ 97, 5.790, 302.046

■ 93, 78.892,
106.183

■ 97, 5.879, 305.571

■ 93, 86.286,
105.747

■ 97, 5.989, 308.985

■ 93, 91.238,
105.543

■ 97, 6.119, 312.273

■ 93, 93.656,
105.581

■ 93, 93.863,
105.592

■ 97, 6.269, 315.419

Harmonies

Complementary

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



95, 23.436, 110.183



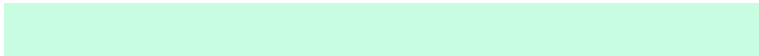
81, 24.486, 293.858

Rectangle

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



95, 23.436, 110.183



95, 23.436, 160.183



95, 23.436, 290.183



95, 23.436, 340.183

Sweetspot

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



95, 23.438, 110.188



100, 7.751, 111.349



84, 16.895, 23.383



53, 5.141, 111.291



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, 23.438, 110.188



99, 29.577, 109.806



93, 25.259, 129.381



51, 7.102, 111.038



73, 76.617, 105.547



23, 33.199, 105.593

Inverse Universe

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



81, 24.486, 293.858



81, 31.230, 294.382



83, 25.872, 311.078



47, 7.262, 292.811



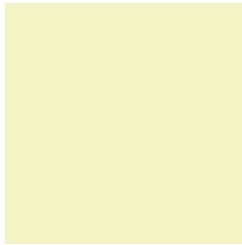
22, 105.413, 306.414



3, 40.027, 300.777

Previews

White Background



This preview shows how the CIE LCh color 95, 23.436, 110.183 looks on a white background.

Color Contrast Check

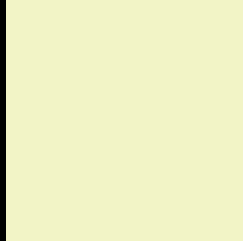
Large Text (above 18pt) WCAG AA × Fail

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, 23.436, 110.183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

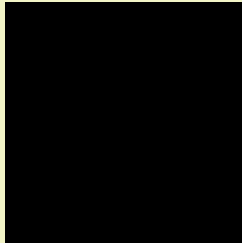
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

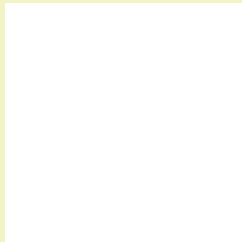
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 23.436, 110.183

Background



This preview shows how black text looks on a background with the CIELCh color 95, 23.436, 110.183.

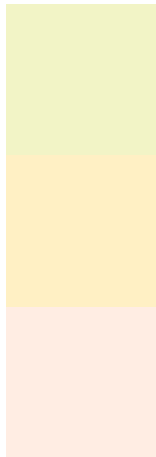


This preview shows how white text looks on a background with the CIELCh color 95, 23.436, 110.183.

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, 23.436, 110.183

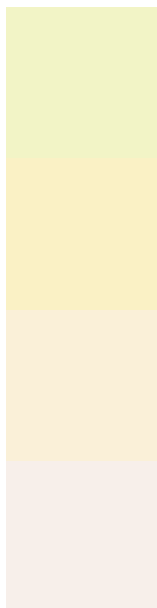
Protanopia
95, 23.184, 94.112

Deuteranopia
95, 8.313, 57.612



Tritanopia
95, 10.970, 317.185

Trichromacy



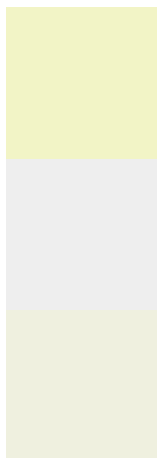
Original Color
95, 23.436, 110.183

Protanomaly
95, 22.703, 99.748

Deuteranomaly
95, 12.807, 92.437

Tritanomaly
95, 3.824, 61.373

Monochromacy



Original Color
95, 23.436, 110.183

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 8.717, 111.870

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 23.436, 110.183 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(242, 244, 198)` looks like.

```
.text, #text, p{  
    color:rgb(242, 244, 198)  
}
```

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(242, 244, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 244, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 23.436, 110.183 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(242, 244, 198) }
```

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

```
.border{ border-color:rgb(242, 244, 198) }
```

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

Here you see how a box with a 4 pixel rgb(242, 244, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 244, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 244, 198);  
box-shadow:4px 4px 4px 4px rgb(242, 244,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 23.436, 110.183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 244, 198) }
```

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

```
.background{ background-color: rgb(242,  
244, 198) }
```

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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