

Converting Colors

CIELCh(95, 13.730, 109.034)

Have a look what the booklet for
CIELCh(95, 13.730, 109.034)
contains.

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Color

CIELCh(95, 13.288, 109.133)

Conversions

Conversions Part 1

Format	Color
Hex	F2F2D8
RGB	242, 242, 216
RGB Percent	95%, 95%, 85%
CMY	0.0496, 0.0496, 0.1516
CMYK	0.00, 0.00, 0.11, 0.05
HSL	60°, 51%, 90%
HSV	60°, 11%, 95%
XYZ	81.0250, 87.6183, 77.8318
YIQ	239.0360, 8.3460, -8.0860

Conversions

Conversions Part 2

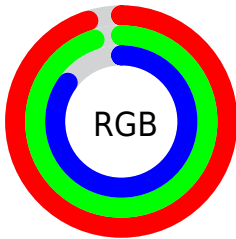
Format	Color
R_{YB}	216, 242, 216
Decimal	15921880
CIE Lab	95.00, -4.36, 12.55
CIE LCh	95, 13.288, 109.133
Yxy	87.6183, 0.3287, 0.3555
Android (android.graphics.Color)	4294111960 (0xFFFF2F2D8)
YUV	239.0360, -11.3567, 2.5994
Hunter-Lab	93.6047, -9.2971, 16.2239

Details

The CIELCh color **95, 13.288, 109.133** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **87, 13.625, 291.316**, 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, 13.416, 108.892** is the 20% darker color. If you saturate the color by 10%, you get **95, 25.593, 108.166**, and if you desaturate by 10%, it is **96, 0.899, 110.032**.

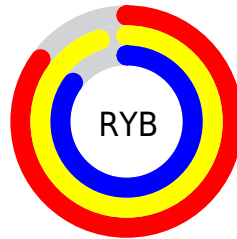
Distribution



Red (95%)

Green (95%)

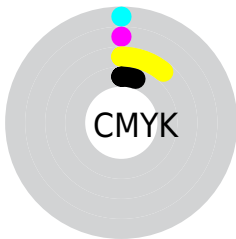
Blue (85%)



Red (85%)

Yellow (95%)

Blue (85%)

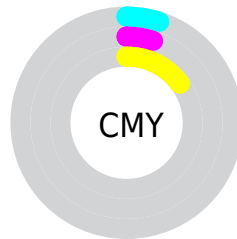


Cyan (0%)

Magenta (0%)

Yellow (11%)

Black (5%)



Cyan (5%)


Magenta (5%)


Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 13.288, 109.133 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, 13.288, 109.133 by changing the saturation by 10% instead.


 95, 13.288,
109.133


 95, 13.288,
109.133


 100, 13.288,
109.133


 85, 13.288,
109.133

 75, 13.288,
109.133

 65, 13.288,
109.133

 55, 13.288,
109.133

 45, 13.288,
109.133

 35, 13.288,
109.133

 25, 13.288,

109.133

■ 15, 13.288,
109.133

■ 5, 13.288, 109.133

■ 95, 13.288,
109.133

■ 95, 13.288,
109.133

■ 95, 25.593,
108.166

■ 96, 0.899, 110.032

■ 94, 37.713,
107.195

■ 96, 6.496, 290.698

■ 96, 6.496, 290.711

■ 94, 49.501,
106.249

■ 96, 6.496, 290.723

■ 93, 60.728,
105.355

■ 96, 6.496, 290.735

■ 96, 6.496, 290.748

93, 71.043,
104.545

96, 6.496, 290.760

93, 79.956,
103.857

96, 6.496, 290.773

93, 86.873,
103.334

96, 6.496, 290.785

93, 91.280,
103.007

93, 93.246,
102.863

Harmonies

Complementary

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



95, 13.288, 109.133



87, 13.625, 291.316

Rectangle

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



95, 13.288, 109.133



95, 13.288, 159.133



95, 13.288, 289.133



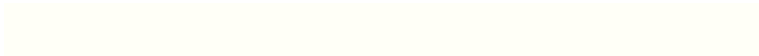
95, 13.288, 339.133

Sweetspot

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



95, 13.290, 109.141



100, 3.868, 109.876



89, 9.563, 20.040



53, 2.934, 109.802



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, 13.290, 109.141



99, 16.767, 108.917



94, 14.174, 128.598



51, 7.096, 109.261



73, 76.500, 102.862



24, 33.186, 103.187

Inverse Universe

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



87, 13.625, 291.316



89, 17.277, 291.584



88, 14.391, 309.546



47, 7.256, 291.175



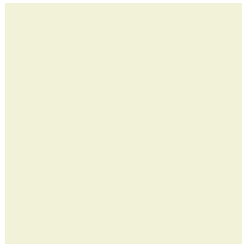
22, 105.633, 306.288



3, 39.906, 299.774

Previews

White Background



This preview shows how the CIELCh color 95, 13.288, 109.133 looks on a white background.

Color Contrast Check

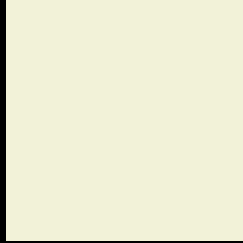
Large Text (above 18pt) WCAG AA × Fail

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, 13.288, 109.133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

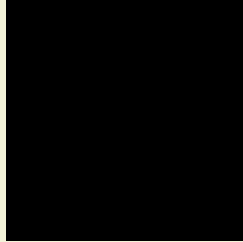
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

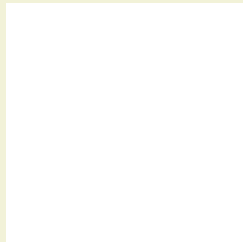
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 13.288, 109.133

Background



This preview shows how black text looks on a background with the CIELCh color 95, 13.288, 109.133.

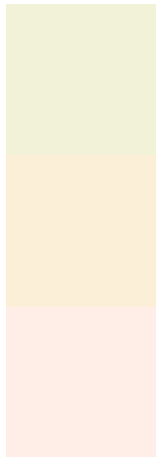


This preview shows how white text looks on a background with the CIELCh color 95, 13.288, 109.133.

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, 13.288, 109.133

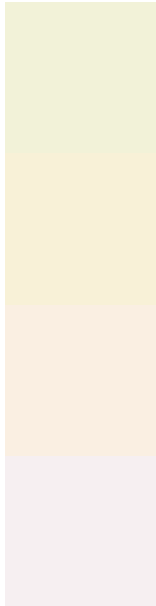
Protanopia
95, 13.407, 91.478

Deuteranopia
95, 7.197, 44.927



Tritanopia
95, 10.060, 313.130

Trichromacy



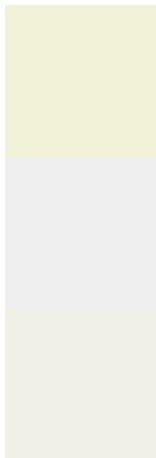
Original Color
95, 13.288, 109.133

Protanomaly
95, 13.528, 98.108

Deuteranomaly
95, 7.747, 78.530

Tritanomaly
95, 2.698, 357.012

Monochromacy



Original Color
95, 13.288, 109.133

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 4.606, 109.802

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 13.288, 109.133 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, 242, 216)` looks like.

```
.text, #text, p{  
    color:rgb(242, 242, 216)  
}
```

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, 242, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 242, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 13.288, 109.133 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, 242, 216) }
```

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

```
.border{ border-color:rgb(242, 242, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 242, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 242, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 242, 216);  
box-shadow:4px 4px 4px 4px rgb(242, 242,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 13.288, 109.133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 242, 216) }
```

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

```
.background{ background-color: rgb(242,  
242, 216) }
```

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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