

Converting Colors

CIELCh(95, 9.504, 109.352)

Have a look what the booklet for
CIELCh(95, 9.504, 109.352) contains.

CIELCh(95, 9.713, 109.412)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(95, 9.713, 109.412)

Conversions

Conversions Part 1

Format	Color
Hex	F2F2DF
RGB	242, 242, 223
RGB Percent	95%, 95%, 87%
CMY	0.0514, 0.0514, 0.1259
CMYK	0.00, 0.00, 0.08, 0.05
HSL	60°, 42%, 91%
HSV	60°, 8%, 95%
XYZ	81.6042, 87.6183, 82.3469
YIQ	239.8340, 6.0990, -5.9090

Conversions

Conversions Part 2

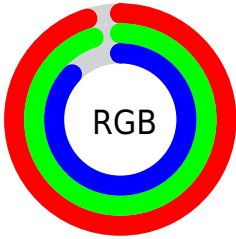
Format	Color
RYB	223, 242, 223
Decimal	15921887
CIELab	95.00, -3.23, 9.16
CIElCh	95, 9.713, 109.412
Yxy	87.6183, 0.3244, 0.3483
Android (android.graphics.Color)	4294111967 (0xFFFF2F2DF)
YUV	239.8340, -8.2992, 1.8996
Hunter-Lab	93.6047, -8.1924, 13.3640

Details

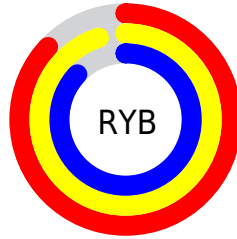
The CIELCh color **95, 9.713, 109.412** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89, 9.902, 290.998**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 9.666, 109.251** is the 20% darker color. If you saturate the color by 10%, you get **94, 22.033, 108.450**, and if you desaturate by 10%, it is **96, 2.670, 290.420**.

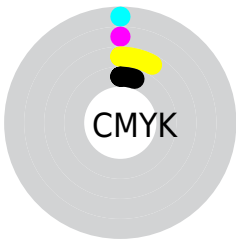
Distribution



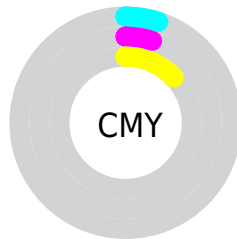
- Red (95%)
- Green (95%)
- Blue (87%)



- Red (87%)
- Yellow (95%)
- Blue (87%)



- Cyan (0%)
- Magenta (0%)
- Yellow (8%)
- Black (5%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 9.713, 109.412 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, 9.713, 109.412 by changing the saturation by 10% instead.

 95, 9.713, 109.412

 95, 9.713, 109.412

 100, 9.713,
109.412

 85, 9.713, 109.412


 75, 9.713, 109.412


 65, 9.713, 109.412


 55, 9.713, 109.412

 45, 9.713, 109.412

 35, 9.713, 109.412

 25, 9.713, 109.412

 15, 9.713, 109.412

 5, 9.713, 109.412

95, 9.713, 109.412

95, 9.713, 109.412

94, 22.033,
108.450

96, 2.670, 290.420

94, 34.199,
107.476

96, 6.728, 290.726

94, 46.085,
106.521

96, 6.728, 290.743

93, 57.486,
105.610

96, 6.728, 290.778

93, 68.092,
104.771

96, 6.728, 290.795


93, 77.454,
104.044

96, 6.728, 290.830

93, 84.997,
103.470

96, 6.728, 290.847

93, 90.156,
103.085

 93, 92.734,
102.895

Harmonies

Complementary

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



95, 9.713, 109.412



89, 9.902, 290.998

Rectangle

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



95, 9.713, 109.412



95, 9.713, 159.412



95, 9.713, 289.412



95, 9.713, 339.412

Sweetspot

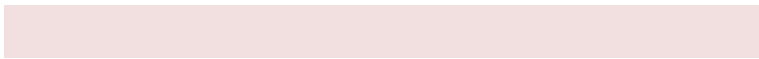
The Sweet Spot groups the original color and five complimentary colors.



95, 9.715, 109.422



100, 2.575, 109.965



90, 6.909, 19.809



53, 1.464, 109.973



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, 9.715, 109.422



99, 11.616, 109.309



94, 10.350, 128.734



50, 6.974, 109.266



72, 75.720, 102.867



23, 31.945, 103.320

Inverse Universe

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



89, 9.902, 290.998



93, 11.867, 291.126



90, 10.474, 309.407



46, 7.131, 291.176



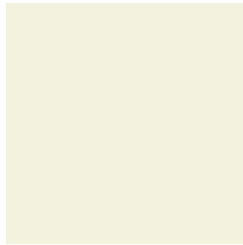
22, 104.554, 306.288



3, 37.810, 298.756

Previews

White Background



This preview shows how the CIELCh color 95, 9.713, 109.412 looks on a white background.

Color Contrast Check

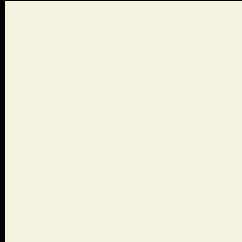
Large Text (above 18pt) WCAG AA × Fail

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, 9.713, 109.412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

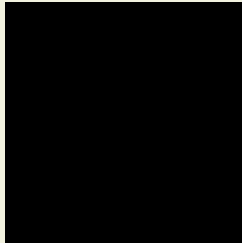
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

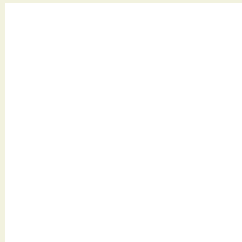
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 9.713, 109.412

Background



This preview shows how black text looks on a background with the CIELCh color 95, 9.713, 109.412.

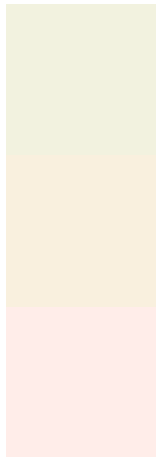


This preview shows how white text looks on a background with the CIELCh color 95, 9.713, 109.412.

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, 9.713, 109.412

Protanopia

95, 9.764, 89.737

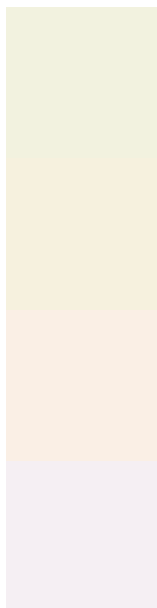
Deuteranopia

95, 6.806, 37.203



Tritanopia
95, 9.813, 309.369

Trichromacy



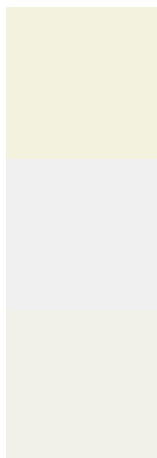
Original Color
95, 9.713, 109.412

Protanomaly
95, 9.875, 98.758

Deuteranomaly
95, 6.466, 71.724

Tritanomaly
95, 2.974, 335.700

Monochromacy



Original Color
95, 9.713, 109.412

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 3.577, 109.878

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 9.713, 109.412 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, 223)` looks like.

```
.text, #text, p{  
    color:rgb(242, 242, 223)  
}
```

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, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 242, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 9.713, 109.412 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, 223) }
```

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

```
.border{ border-color:rgb(242, 242, 223) }
```

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, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 242, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 242, 223);  
box-shadow:4px 4px 4px 4px rgb(242, 242,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 9.713, 109.412 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, 223) }
```

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

```
.background{ background-color: rgb(242,  
242, 223) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor