

Converting Colors

CIELCh(95, 10.259, 113.434)

Have a look what the booklet for
CIELCh(95, 10.259, 113.434)
contains.

CIELCh(95, 10.259, 113.434)	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, 10.259, 113.434)

Conversions

Conversions Part 1

Format	Color
Hex	F0F2DE
RGB	240, 242, 222
RGB Percent	94%, 95%, 87%
CMY	0.0573, 0.0495, 0.1279
CMYK	0.01, 0.00, 0.08, 0.05
HSL	66°, 44%, 91%
HSV	66°, 8%, 95%
XYZ	81.1663, 87.6183, 82.0058
YIQ	239.1220, 5.2280, -6.6440

Conversions

Conversions Part 2

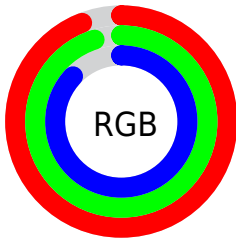
Format	Color
R_{YB}	222, 242, 224
Decimal	15790814
CIE Lab	95.00, -4.08, 9.41
CIE LCh	95, 10.259, 113.434
Yxy	87.6183, 0.3236, 0.3494
Android (android.graphics.Color)	4293980894 (0xFFFF0F2DE)
YUV	239.1220, -8.4411, 0.7700
Hunter-Lab	93.6047, -9.0277, 13.5801

Details

The CIELCh color **95, 10.259, 113.434** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89, 10.464, 294.826**, 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, 10.240, 113.501** is the 20% darker color. If you saturate the color by 10%, you get **94, 22.637, 112.619**, and if you desaturate by 10%, it is **96, 2.184, 294.269**.

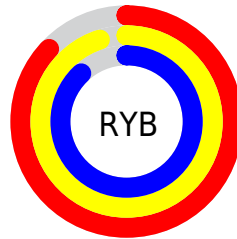
Distribution



Red (94%)

Green (95%)

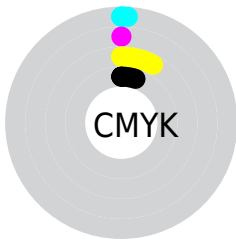
Blue (87%)



Red (87%)

Yellow (95%)

Blue (88%)

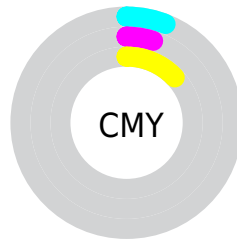


Cyan (1%)

Magenta (0%)

Yellow (8%)

Black (5%)



Cyan (6%)


Magenta (5%)


Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 10.259, 113.434 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, 10.259, 113.434 by changing the saturation by 10% instead.


 95, 10.259,
113.434


 95, 10.259,
113.434


 100, 10.259,
113.434


 85, 10.259,
113.434

 75, 10.259,
113.434

 65, 10.259,
113.434

 55, 10.259,
113.434

 45, 10.259,
113.434

 35, 10.259,
113.434

 25, 10.259,

113.434

■ 15, 10.259,
113.434

■ 5, 10.259, 113.434

■ 95, 10.259,
113.434

■ 95, 10.259,
113.434

■ 94, 22.637,
112.619

■ 96, 2.184, 294.269

■ 94, 34.857,
111.794

■ 96, 6.561, 299.323

■ 96, 6.748, 306.405

■ 93, 46.788,
110.988

■ 97, 7.033, 313.039

■ 93, 58.226,
110.233

■ 97, 7.403, 319.114

■ 97, 7.849, 324.581

■ 92, 68.861,
109.570

■ 97, 7.858, 324.676

■ 92, 78.246,
109.052

■ 92, 85.809,
108.748

■ 91, 90.987,
108.726

■ 91, 93.615,
109.011

Harmonies

Complementary

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



95, 10.259, 113.434



89, 10.464, 294.826

Rectangle

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



95, 10.259, 113.434



95, 10.259, 163.434



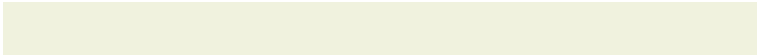
95, 10.259, 293.434



95, 10.259, 343.434

Sweetspot

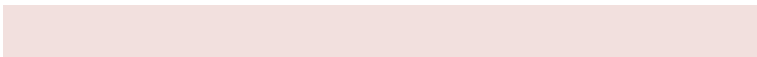
The Sweet Spot groups the original color and five complimentary colors.



95, 10.261, 113.443



100, 2.584, 113.942



91, 6.632, 28.723



53, 1.469, 113.949



0, 0.000, 0.000



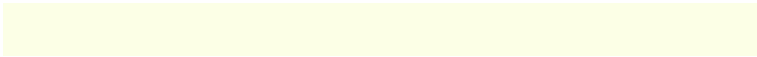
53, 0.007, 296.813

Same Dimension

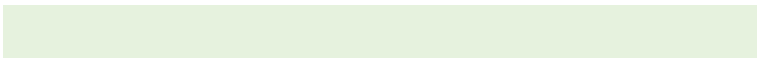
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 10.261, 113.443



99, 12.949, 113.298



94, 11.166, 132.150



51, 7.120, 113.342



72, 77.049, 108.976



23, 33.315, 108.684

Inverse Universe

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



89, 10.464, 294.826



92, 13.252, 294.990



90, 11.278, 312.815



47, 7.279, 294.940



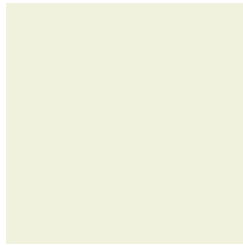
23, 105.073, 306.615



3, 40.203, 302.073

Previews

White Background



This preview shows how the CIELCh color 95, 10.259, 113.434 looks on a white background.

Color Contrast Check

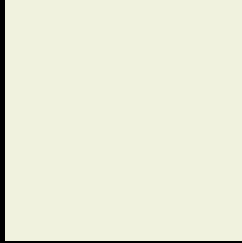
Large Text (above 18pt) WCAG AA × Fail

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, 10.259, 113.434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

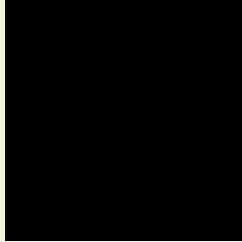
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

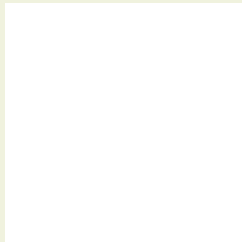
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 10.259, 113.434

Background



This preview shows how black text looks on a background with the CIELCh color 95, 10.259, 113.434.

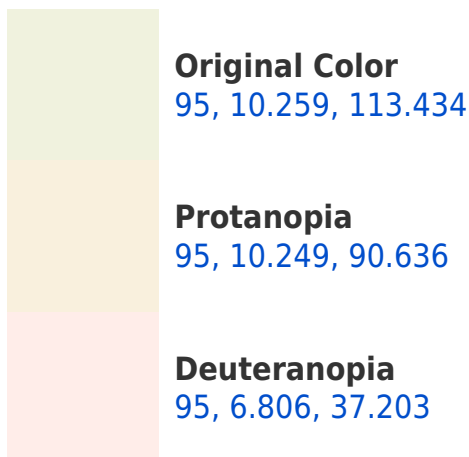


This preview shows how white text looks on a background with the CIELCh color 95, 10.259, 113.434.

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](#).

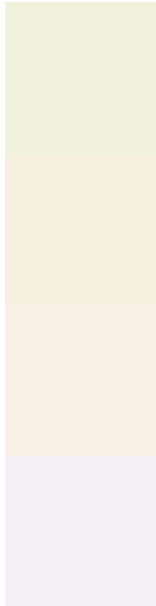
Dichromacy





Tritanopia
95, 9.107, 306.246

Trichromacy



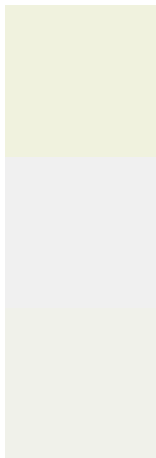
Original Color
95, 10.259, 113.434

Protanomaly
95, 9.875, 98.758

Deuteranomaly
95, 6.466, 71.724

Tritanomaly
95, 1.888, 324.352

Monochromacy



Original Color
95, 10.259, 113.434

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 3.600, 115.561

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 10.259, 113.434 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(240, 242, 222)` looks like.

```
.text, #text, p{  
    color:rgb(240, 242, 222)  
}
```

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(240, 242, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 242, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 10.259, 113.434 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(240, 242, 222) }
```

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

```
.border{ border-color:rgb(240, 242, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 242, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 242, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 242, 222);  
box-shadow:4px 4px 4px 4px rgb(240, 242,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 10.259, 113.434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 242, 222) }
```

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

```
.background{ background-color: rgb(240,  
242, 222) }
```

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