

Converting Colors

CIELCh(95, 21.332, 119.575)

Have a look what the booklet for
CIELCh(95, 21.332, 119.575)
contains.

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Color

CIELCh(95, 21.302, 119.588)

Conversions

Conversions Part 1

Format	Color
Hex	EBF6CD
RGB	235, 246, 205
RGB Percent	92%, 96%, 80%
CMY	0.0801, 0.0370, 0.1977
CMYK	0.04, 0.00, 0.17, 0.04
HSL	76°, 68%, 88%
HSV	76°, 17%, 96%
XYZ	77.9061, 87.6183, 70.2938
YIQ	238.0370, 6.6050, -15.0830

Conversions

Conversions Part 2

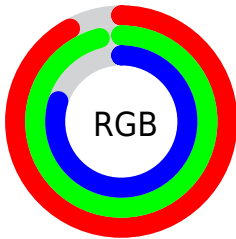
Format	Color
R_YB	205, 246, 216
Decimal	15464141
CIE _{Lab}	95.00, -10.52, 18.52
CIE _{LCh}	95, 21.302, 119.588
Yxy	87.6183, 0.3304, 0.3716
Android (android.graphics.Color)	4293654221 (0xFFEBF6CD)
YUV	238.0370, -16.2872, -2.6634
Hunter-Lab	93.6047, -15.2446, 20.9986

Details

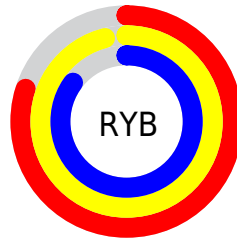
The CIELCh color **95, 21.302, 119.588** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **84, 22.031, 301.721**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 21.295, 119.916** is the 20% darker color. If you saturate the color by 10%, you get **94, 33.942, 118.967**, and if you desaturate by 10%, it is **96, 8.547, 120.212**.

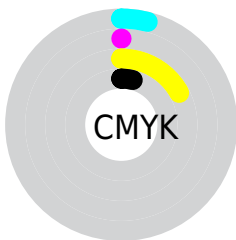
Distribution



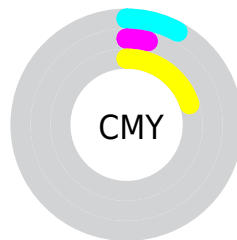
- Red (92%)
- Green (96%)
- Blue (80%)



- Red (80%)
- Yellow (96%)
- Blue (85%)



- Cyan (4%)
- Magenta (0%)
- Yellow (17%)
- Black (4%)





- Cyan (8%)
- Magenta (4%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 21.302, 119.588 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, 21.302, 119.588 by changing the saturation by 10% instead.


 95, 21.302,
119.588


 95, 21.302,
119.588


 100, 21.302,
119.588


 85, 21.302,
119.588

 75, 21.302,
119.588

 65, 21.302,
119.588

 55, 21.302,
119.588

 45, 21.302,
119.588

 35, 21.302,
119.588

 25, 21.302,

119.588

■ 15, 21.302,
119.588

■ 5, 21.302, 119.588

■ 95, 21.302,
119.588

■ 95, 21.302,
119.588

■ 94, 33.942,
118.967

■ 96, 8.547, 120.212

■ 93, 46.335,
118.358

■ 97, 4.241, 300.793

■ 98, 5.747, 322.678

■ 92, 58.290,
117.799

■ 98, 5.875, 324.594

■ 92, 69.521,
117.339

■ 91, 79.613,
117.052

■ 91, 88.015,
117.038

■ 90, 94.151,
117.404

■ 90, 97.714,
118.226

■ 90, 98.546,
118.556

Harmonies

Complementary

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



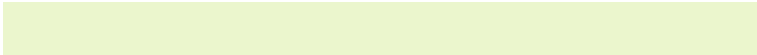
95, 21.302, 119.588



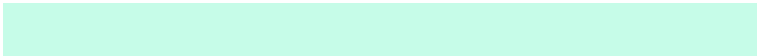
84, 22.031, 301.721

Rectangle

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



95, 21.302, 119.588



95, 21.302, 169.588



95, 21.302, 299.588



95, 21.302, 349.588

Sweetspot

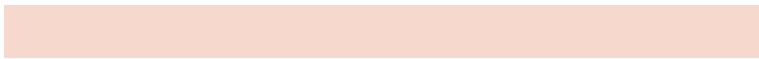
The Sweet Spot groups the original color and five complimentary colors.



95, 21.304, 119.592



99, 6.582, 120.316



88, 12.670, 46.598



53, 4.492, 120.272



0, 0.000, 0.000



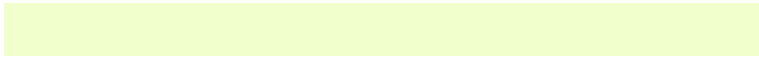
53, 0.007, 296.813

Same Dimension

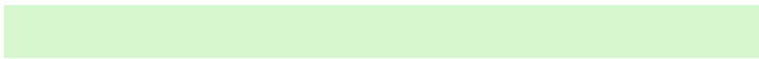
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 21.304, 119.592



98, 26.294, 119.382



94, 23.995, 137.022



51, 7.242, 120.040



70, 79.939, 118.323



22, 34.248, 117.279

Inverse Universe

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



84, 22.031, 301.721



85, 27.383, 301.977



86, 24.229, 318.526



47, 7.385, 301.207



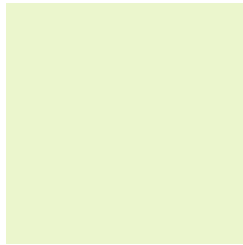
24, 103.048, 307.935



4, 40.733, 305.862

Previews

White Background



This preview shows how the CIE LCh color 95, 21.302, 119.588 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, 21.302, 119.588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

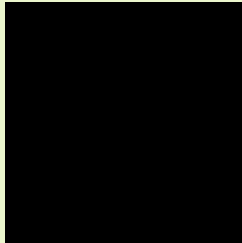
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

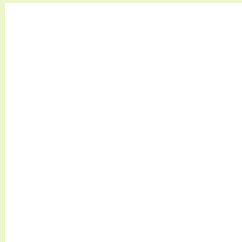
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 21.302, 119.588

Background



This preview shows how black text looks on a background with the CIELCh color 95, 21.302, 119.588.




This preview shows how white text looks on a background with the CIELCh color 95, 21.302, 119.588.

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](#).

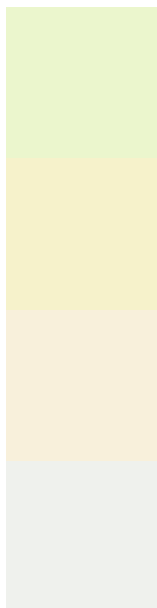
Dichromacy





Tritanopia
95, 8.309, 297.962

Trichromacy



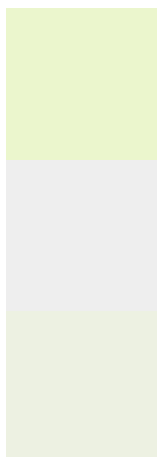
Original Color
95, 21.302, 119.588

Protanomaly
95, 19.951, 104.295

Deuteranomaly
95, 11.125, 94.011

Tritanomaly
95, 2.168, 129.059

Monochromacy



Original Color
95, 21.302, 119.588

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 7.827, 120.174

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 21.302, 119.588 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(235, 246, 205)` looks like.

```
.text, #text, p{  
    color:rgb(235, 246, 205)  
}
```

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(235, 246, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 246, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 21.302, 119.588 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(235, 246, 205) }
```

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

```
.border{ border-color:rgb(235, 246, 205) }
```

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

Here you see how a box with a 4 pixel rgb(235, 246, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 246, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 246, 205);  
box-shadow:4px 4px 4px 4px rgb(235, 246,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 21.302, 119.588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 246, 205) }
```

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

```
.background{ background-color: rgb(235,  
246, 205) }
```

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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