

Converting Colors

CIELCh(95, 25.659, 115.772)

Have a look what the booklet for
CIELCh(95, 25.659, 115.772)
contains.

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Color

CIELCh(95, 25.659, 115.772)

Conversions

Conversions Part 1

Format	Color
Hex	EDF6C4
RGB	237, 246, 196
RGB Percent	93%, 96%, 77%
CMY	0.0719, 0.0366, 0.2327
CMYK	0.04, 0.00, 0.20, 0.04
HSL	71°, 73%, 87%
HSV	71°, 20%, 96%
XYZ	77.5878, 87.6183, 64.8500
YIQ	237.6090, 10.6860, -17.4580

Conversions

Conversions Part 2

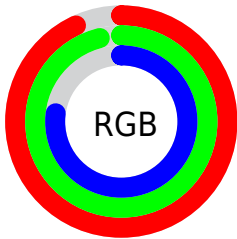
Format	Color
R_{YB}	196, 246, 205
Decimal	15595204
CIE _{Lab}	95.00, -11.16, 23.11
CIE _{LCh}	95, 25.659, 115.772
Yxy	87.6183, 0.3373, 0.3809
Android (android.graphics.Color)	4293785284 (0xFFEDF6C4)
YUV	237.6090, -20.5132, -0.5341
Hunter-Lab	93.6047, -15.8516, 24.4467

Details

The CIELCh color **95, 25.659, 115.772** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **81, 26.836, 298.878**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.003, 110.026**, and **75, 25.824, 115.757** is the 20% darker color. If you saturate the color by 10%, you get **94, 38.063, 115.057**, and if you desaturate by 10%, it is **96, 13.085, 116.496**.

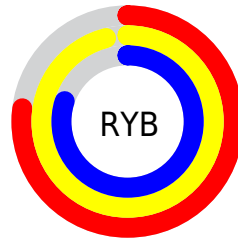
Distribution



Red (93%)

Green (96%)

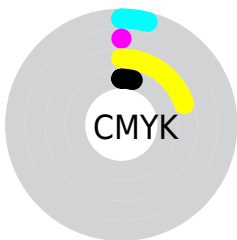
Blue (77%)



Red (77%)

Yellow (96%)

Blue (80%)

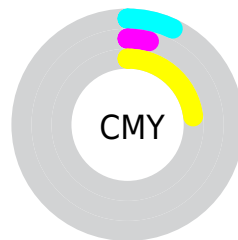


Cyan (4%)

Magenta (0%)

Yellow (20%)

Black (4%)



Cyan (7%)


Magenta (4%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 25.659, 115.772 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, 25.659, 115.772 by changing the saturation by 10% instead.


 95, 25.659,
115.772


 95, 25.659,
115.772


 100, 25.659,
115.772


 85, 25.659,
115.772

 75, 25.659,
115.772

 65, 25.659,
115.772

 55, 25.659,
115.772

 45, 25.659,
115.772

 35, 25.659,
115.772

 25, 25.659,

115.772

■ 15, 25.659,
115.772

■ 5, 25.659, 115.772

■ 95, 25.659,
115.772

■ 95, 25.659,
115.772

■ 94, 38.063,
115.057

■ 96, 13.085,
116.496

■ 94, 50.143,
114.365

■ 97, 0.431, 117.213

■ 93, 61.679,
113.736

■ 97, 5.026, 307.707

■ 92, 72.334,
113.222

■ 98, 5.690, 322.719

■ 98, 5.815, 324.591

■ 92, 81.632,
112.893

■ 92, 88.986,
112.840

■ 91, 93.865,
113.146

■ 91, 96.313,
113.783

Harmonies

Complementary

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



95, 25.659, 115.772



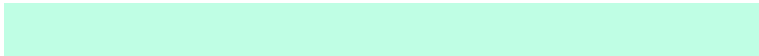
81, 26.836, 298.878

Rectangle

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



95, 25.659, 115.772



95, 25.659, 165.772



95, 25.659, 295.772



95, 25.659, 345.772

Sweetspot

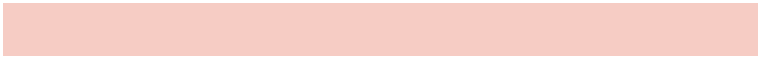
The Sweet Spot groups the original color and five complimentary colors.



95, 25.661, 115.776



99, 7.819, 116.806



85, 16.522, 35.708



53, 5.187, 116.759



0, 0.000, 0.000



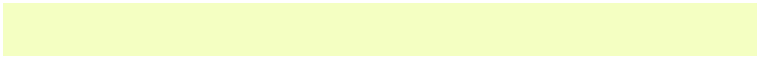
53, 0.007, 296.813

Same Dimension

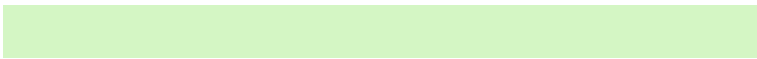
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 25.661, 115.776



98, 31.142, 115.509



93, 28.427, 133.754



51, 7.165, 116.558



71, 78.155, 113.609



23, 33.657, 112.904

Inverse Universe

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



81, 26.836, 298.878



81, 32.859, 299.235



83, 28.928, 315.535



47, 7.319, 297.934



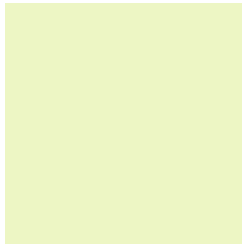
23, 104.297, 307.095



3, 40.446, 303.800

Previews

White Background



This preview shows how the CIELCh color 95, 25.659, 115.772 looks on a white background.

Color Contrast Check

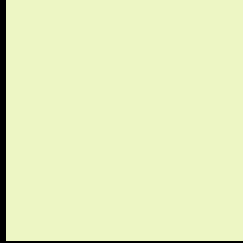
Large Text (above 18pt) WCAG AA × Fail

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, 25.659, 115.772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

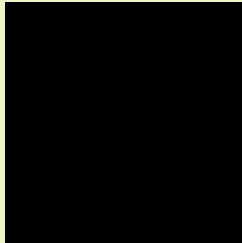
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

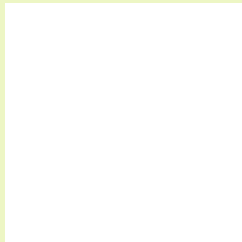
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 25.659, 115.772

Background



This preview shows how black text looks on a background with the CIELCh color 95, 25.659, 115.772.

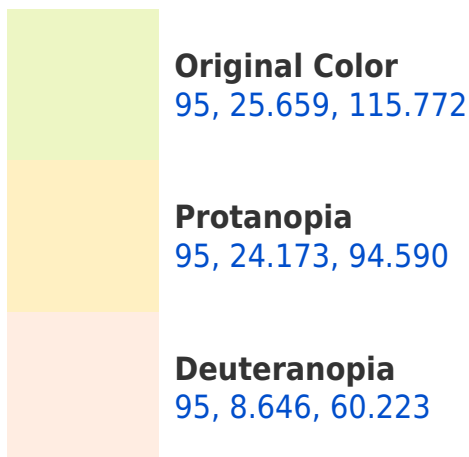


This preview shows how white text looks on a background with the CIELCh color 95, 25.659, 115.772.

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](#).

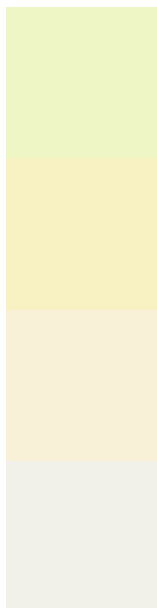
Dichromacy





Tritanopia
95, 9.107, 306.246

Trichromacy



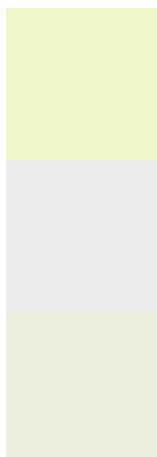
Original Color
95, 25.659, 115.772

Protanomaly
95, 24.057, 102.850

Deuteranomaly
95, 13.114, 96.137

Tritanomaly
95, 4.101, 104.839

Monochromacy



Original Color
95, 25.659, 115.772

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 9.294, 116.166

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 25.659, 115.772 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(237, 246, 196)` looks like.

```
.text, #text, p{  
    color:rgb(237, 246, 196)  
}
```

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(237, 246, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 246, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 25.659, 115.772 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(237, 246, 196) }
```

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

```
.border{ border-color:rgb(237, 246, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 246, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 246, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 246, 196);  
box-shadow:4px 4px 4px 4px rgb(237, 246,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 25.659, 115.772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 246, 196) }
```

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

```
.background{ background-color: rgb(237,  
246, 196) }
```

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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