

Converting Colors

CIELCh(95, 62.100, 118.257)

Have a look what the booklet for
CIELCh(95, 62.100, 118.257)
contains.

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Color

CIELCh(95, 62.145, 118.391)

Conversions

Conversions Part 1	
Format	Color
Hex	DBFE83
RGB	219, 254, 131
RGB Percent	86%, 100%, 51%
CMY	0.1410, 0.0037, 0.4861
CMYK	0.14, 0.00, 0.48, 0.00
HSL	77°, 98%, 76%
HSV	77°, 48%, 100%
XYZ	68.7820, 87.6183, 34.7745
YIQ	229.5130, 18.6230, -45.6730

Conversions

Conversions Part 2

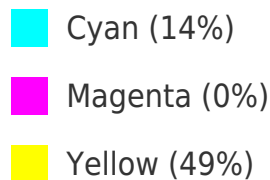
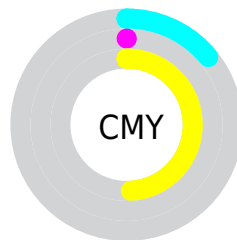
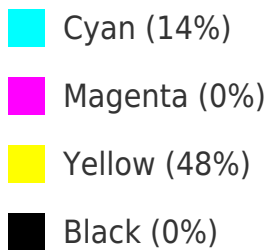
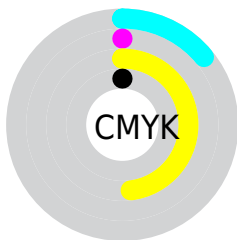
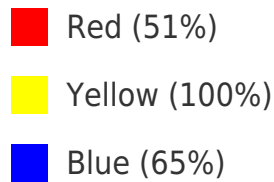
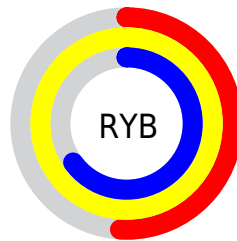
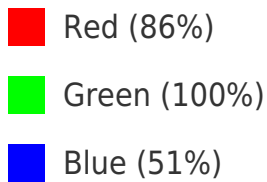
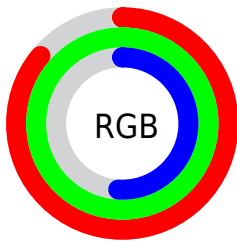
Format	Color
RYB	131, 254, 166
Decimal	14417539
CIELab	95.00, -29.55, 54.67
CIELCh	95, 62.145, 118.391
Yxy	87.6183, 0.3598, 0.4583
Android (android.graphics.Color)	4292607619 (0xFFDBFE83)
YUV	229.5130, -48.5669, -9.2199
Hunter-Lab	93.6047, -32.6439, 43.4968

Details

The CIELCh color **95, 62.145, 118.391** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **63, 69.371, 305.048**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 34.689, 107.535**, and **75, 61.834, 118.348** is the 20% darker color. If you saturate the color by 10%, you get **94, 73.562, 117.973**, and if you desaturate by 10%, it is **96, 49.922, 118.925**.


Distribution





Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 62.145, 118.391 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, 62.145, 118.391 by changing the saturation by 10% instead.


 95, 62.145,
118.391


 95, 62.145,
118.391


 100, 62.145,
118.391


 85, 62.145,
118.391

 75, 62.145,
118.391

 65, 62.145,
118.391


 55, 62.145,
118.391

 45, 62.145,
118.391


 35, 62.145,
118.391


 25, 62.145,

118.391


 15, 62.145,
118.391

 5, 62.145, 118.391


 95, 62.145,
118.391


 95, 62.145,
118.391

 94, 73.562,
117.973


 96, 49.922,
118.925


 94, 83.714,
117.746

 97, 37.207,
119.514

 93, 92.019,
117.817

 98, 24.212,
120.124

 93, 97.904,
118.297

 99, 11.079,
120.731

■ 92, 101.212,
119.234

100, 0.599,
323.946

■ 92, 101.623,
119.400

Harmonies

Complementary

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



95, 62.145, 118.391



63, 69.371, 305.048

Rectangle

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



95, 62.145, 118.391



95, 62.145, 168.391



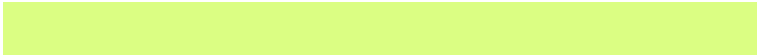
95, 62.145, 298.391



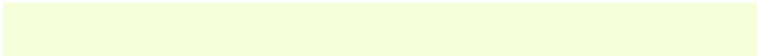
95, 62.145, 348.391

Sweetspot

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



95, 62.147, 118.393



98, 19.793, 120.332



76, 42.672, 47.470



52, 13.498, 120.204



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, 62.147, 118.393



95, 73.327, 117.987



92, 70.999, 135.538



53, 7.506, 120.665



71, 81.963, 119.159



24, 36.836, 117.830

Inverse Universe

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



63, 69.371, 305.048



56, 84.204, 305.994



69, 72.556, 320.372



49, 7.653, 301.804



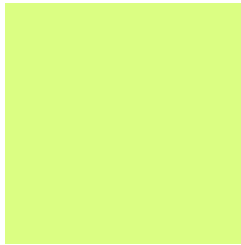
25, 104.893, 308.111



4, 44.725, 307.351

Previews

White Background



This preview shows how the CIE LCh color 95, 62.145, 118.391 looks on a white background.

Color Contrast Check

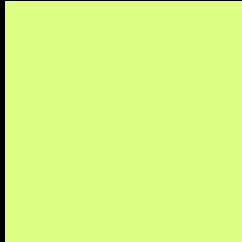
Large Text (above 18pt) WCAG AA × Fail

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, 62.145, 118.391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

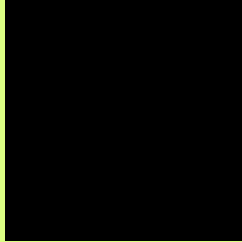
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 62.145, 118.391

Background



This preview shows how black text looks on a background with the CIELCh color 95, 62.145, 118.391.



This preview shows how white text looks on a background with the CIELCh color 95, 62.145, 118.391.

Color Blindness Simulation

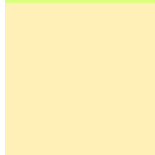
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



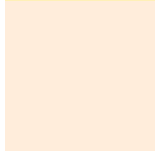
Original Color

95, 62.145, 118.391



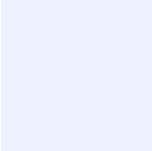
Protanopia

95, 29.625, 96.545




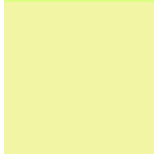
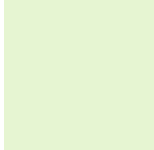
Deuteranopia

95, 11.361, 73.638

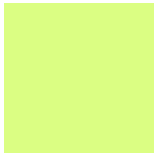
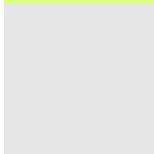
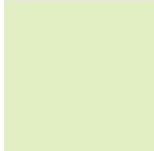


Tritanopia
95, 7.810, 280.681

Trichromacy

	Original Color 95, 62.145, 118.391
	Protanomaly 95, 40.873, 108.612
	Deuteranomaly 95, 28.483, 108.701
	Tritanomaly 95, 18.739, 125.850

Monochromacy

	Original Color 95, 62.145, 118.391
	Achromatopsia 91, 0.011, 296.813
	Achromatomaly 92, 23.570, 120.272

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 62.145, 118.391 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(219, 254, 131)` looks like.

```
.text, #text, p{  
    color:rgb(219, 254, 131)  
}
```

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(219, 254, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 254, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 62.145, 118.391 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(219, 254, 131) }
```

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

```
.border{ border-color:rgb(219, 254, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 254, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 254, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 254, 131);  
box-shadow:4px 4px 4px 4px rgb(219, 254,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 62.145, 118.391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 254, 131) }
```

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

```
.background{ background-color: rgb(219,  
254, 131) }
```

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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