

Converting Colors

CIELCh(100, 77.231, 119.087)

Have a look what the booklet for
CIELCh(100, 77.231, 119.087)
contains.

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Color

CIELCh(95, 69.105, 115.341)

Conversions

Conversions Part 1

Format	Color
Hex	DFFE72
RGB	223, 254, 114
RGB Percent	87%, 100%, 45%
CMY	0.1264, 0.0047, 0.5535
CMYK	0.12, 0.00, 0.55, 0.00
HSL	73°, 98%, 72%
HSV	73°, 55%, 100%
XYZ	68.7691, 87.6183, 29.1655
YIQ	228.7710, 26.4640, -50.1120

Conversions

Conversions Part 2

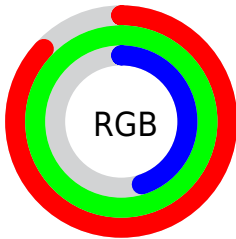
Format	Color
RYB	114, 254, 145
Decimal	14679666
CIELab	95.00, -29.58, 62.46
CIELCh	95, 69.105, 115.341
Yxy	87.6183, 0.3706, 0.4722
Android (android.graphics.Color)	4292869746 (0xFFDFFE72)
YUV	228.7710, -56.5821, -5.0612
Hunter-Lab	93.6047, -32.6686, 47.0496

Details

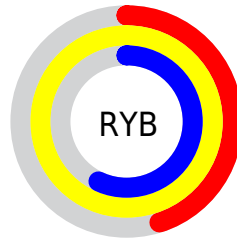
The CIELCh color **95, 69.105, 115.341** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **57, 79.528, 304.026**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 42.533, 106.929**, and **75, 68.852, 115.355** is the 20% darker color. If you saturate the color by 10%, you get **94, 79.538, 114.968**, and if you desaturate by 10%, it is **96, 57.560, 115.873**.

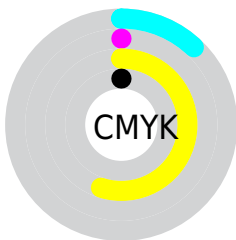
Distribution



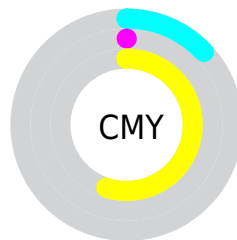
- Red (87%)
- Green (100%)
- Blue (45%)



- Red (45%)
- Yellow (100%)
- Blue (57%)



- Cyan (12%)
- Magenta (0%)
- Yellow (55%)
- Black (0%)





- Cyan (13%)
- Magenta (0%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 69.105, 115.341 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, 69.105, 115.341 by changing the saturation by 10% instead.


 95, 69.105,
115.341


 95, 69.105,
115.341


 100, 69.105,
115.341


 85, 69.105,
115.341

 75, 69.105,
115.341

 65, 69.105,
115.341

 55, 69.105,
115.341

 45, 69.105,
115.341

 35, 69.105,
115.341

 25, 69.105,

115.341

■ 15, 69.105,
115.341

■ 5, 69.105, 115.341

■ 95, 69.105,
115.341

■ 95, 69.105,
115.341

■ 94, 79.538,
114.968

■ 96, 57.560,
115.873

■ 94, 88.302,
114.837

■ 96, 45.310,
116.492

■ 93, 94.790,
115.051

■ 97, 32.636,
117.154

■ 93, 98.615,
115.687

■ 98, 19.724,
117.828

■ 93, 99.740,
116.114

■ 99, 6.697, 118.497
100, 0.753,
324.057

Harmonies

Complementary

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



95, 69.105, 115.341



57, 79.528, 304.026

Rectangle

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



95, 69.105, 115.341



95, 69.105, 165.341



95, 69.105, 295.341



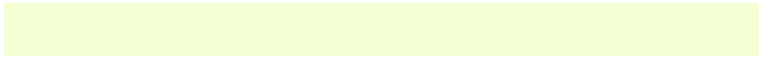
95, 69.105, 345.341

Sweetspot

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



95, 69.106, 115.343



98, 22.227, 117.702



71, 51.473, 41.576



52, 14.858, 117.567



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, 69.106, 115.343



95, 80.673, 114.946



91, 78.381, 133.357



53, 7.443, 118.206



72, 80.544, 115.911



25, 36.330, 114.806

Inverse Universe

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



57, 79.528, 304.026



50, 96.409, 305.322



65, 81.222, 318.510



49, 7.598, 299.484



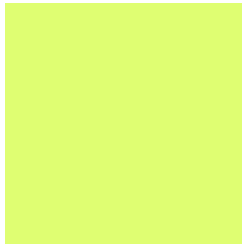
25, 105.887, 307.434



4, 44.601, 305.983

Previews

White Background



This preview shows how the CIELCh color 95, 69.105, 115.341 looks on a white background.

Color Contrast Check

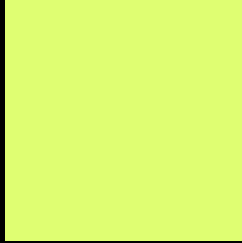
Large Text (above 18pt) WCAG AA × Fail

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, 69.105, 115.341 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, 69.105, 115.341

Background



This preview shows how black text looks on a background with the CIELCh color 95, 69.105, 115.341.

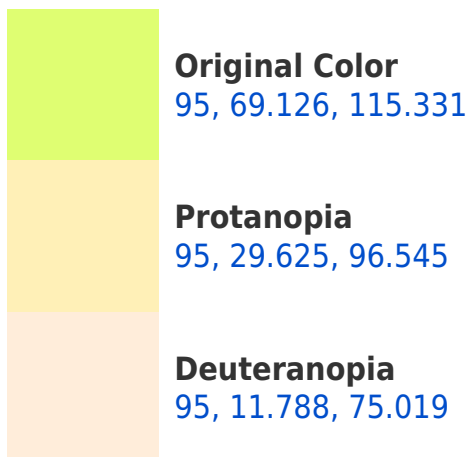



This preview shows how white text looks on a background with the CIELCh color 95, 69.105, 115.341.

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



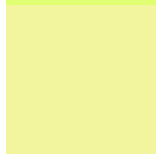


Tritanopia
95, 8.231, 290.823

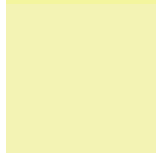
Trichromacy



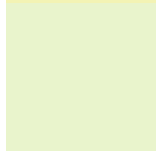
Original Color
95, 69.126, 115.331



Protanomaly
95, 43.790, 107.762



Deuteranomaly
95, 31.987, 107.652

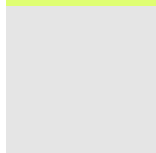


Tritanomaly
94, 20.837, 119.871

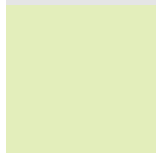
Monochromacy



Original Color
95, 69.126, 115.331



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 26.434, 117.163

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 69.105, 115.341 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(223, 254, 114)` looks like.

```
.text, #text, p{  
    color:rgb(223, 254, 114)  
}
```

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(223, 254, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 254, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 69.105, 115.341 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(223, 254, 114) }
```

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

```
.border{ border-color:rgb(223, 254, 114) }
```

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

Here you see how a box with a 4 pixel rgb(223, 254, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 254, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 254, 114);  
box-shadow:4px 4px 4px 4px rgb(223, 254,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 69.105, 115.341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 254, 114) }
```

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

```
.background{ background-color: rgb(223,  
254, 114) }
```

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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