

Converting Colors

CIELCh(99, 79.576, 119.296)

Have a look what the booklet for
CIELCh(99, 79.576, 119.296)
contains.

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Color

CIELCh(95, 72.403, 116.265)

Conversions

Conversions Part 1

Format	Color
Hex	DBFF6C
RGB	219, 255, 108
RGB Percent	86%, 100%, 42%
CMY	0.1414, 0.0002, 0.5767
CMYK	0.14, 0.00, 0.58, 0.00
HSL	75°, 100%, 71%
HSV	75°, 58%, 100%
XYZ	67.6433, 87.6183, 27.5195
YIQ	227.4780, 25.7310, -53.3490

Conversions

Conversions Part 2

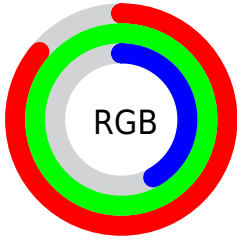
Format	Color
RYB	108, 255, 144
Decimal	14417772
CIELab	95.00, -32.04, 64.93
CIElCh	95, 72.403, 116.265
Yxy	87.6183, 0.3701, 0.4794
Android (android.graphics.Color)	4292607852 (0xFFDBFF6C)
YUV	227.4780, -58.9027, -7.4352
Hunter-Lab	93.6047, -34.8153, 48.0921

Details

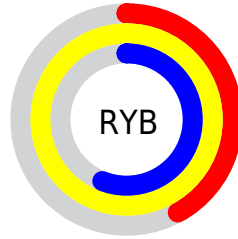
The CIELCh color **95, 72.403, 116.265** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **56, 83.692, 304.925**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 45.438, 106.705**, and **75, 72.368, 116.240** is the 20% darker color. If you saturate the color by 10%, you get **94, 82.574, 115.976**, and if you desaturate by 10%, it is **96, 60.994, 116.738**.

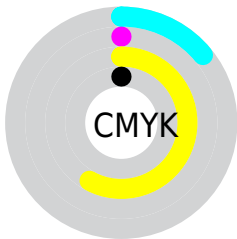
Distribution



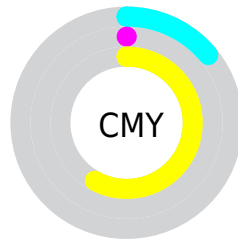
- Red (86%)
- Green (100%)
- Blue (42%)



- Red (42%)
- Yellow (100%)
- Blue (56%)



- Cyan (14%)
- Magenta (0%)
- Yellow (58%)
- Black (0%)





- Cyan (14%)
- Magenta (0%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 72.403, 116.265 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, 72.403, 116.265 by changing the saturation by 10% instead.


 95, 72.403,
116.265


 95, 72.403,
116.265

 100, 72.403,
116.265


 85, 72.403,
116.265

 75, 72.403,
116.265

 65, 72.403,
116.265

 55, 72.403,
116.265

 45, 72.403,
116.265

 35, 72.403,
116.265

 25, 72.403,

116.265

■ 15, 72.403,
116.265

■ 5, 72.403, 116.265

■ 95, 72.403,
116.265

■ 95, 72.403,
116.265

■ 94, 82.574,
115.976

■ 96, 60.994,
116.738

■ 94, 90.922,
115.962

■ 96, 48.792,
117.314

■ 93, 96.861,
116.331

■ 97, 36.108,
117.944

■ 93, 100.155,
117.141

■ 98, 23.150,
118.593

■ 93, 100.719,
117.363

■ 99, 10.053,
119.239

100, 0.041,
316.795

Harmonies

Complementary

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



95, 72.403, 116.265



56, 83.692, 304.925

Rectangle

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



95, 72.403, 116.265



95, 72.403, 166.265



95, 72.403, 296.265



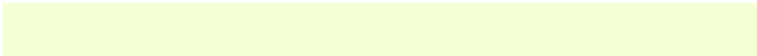
95, 72.403, 346.265

Sweetspot

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



95, 72.404, 116.267



98, 22.295, 118.636



71, 54.058, 43.092



52, 14.904, 118.505



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, 72.404, 116.267



94, 83.827, 115.956



91, 82.272, 133.672



53, 7.465, 119.120



72, 81.040, 117.142



25, 36.505, 115.946

Inverse Universe

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



56, 83.692, 304.925



48, 100.684, 306.154



64, 85.031, 319.093



49, 7.617, 300.345



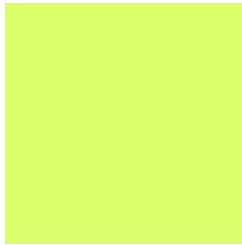
25, 105.541, 307.663



4, 44.648, 306.471

Previews

White Background



This preview shows how the CIELCh color 95, 72.403, 116.265 looks on a white background.

Color Contrast Check

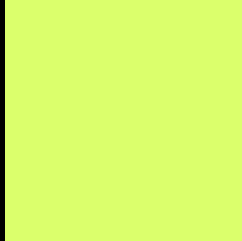
Large Text (above 18pt) WCAG AA × Fail

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, 72.403, 116.265 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, 72.403, 116.265

Background



This preview shows how black text looks on a background with the CIELCh color 95, 72.403, 116.265.

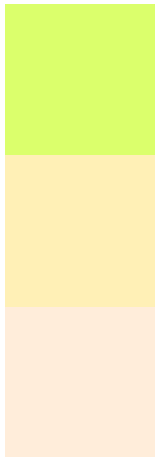


This preview shows how white text looks on a background with the CIELCh color 95, 72.403, 116.265.

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, 72.403, 116.265

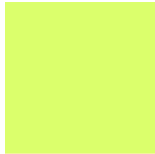
Protanopia
95, 30.121, 96.680

Deuteranopia
95, 11.788, 75.019

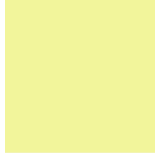


Tritanopia
95, 8.249, 286.057

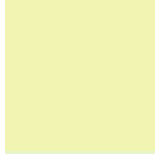
Trichromacy



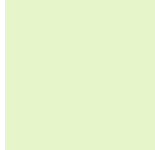
Original Color
95, 72.403, 116.265



Protanomaly
95, 45.254, 108.117



Deuteranomaly
95, 33.474, 108.865

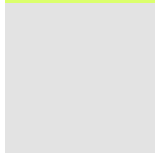


Tritanomaly
94, 22.655, 122.681

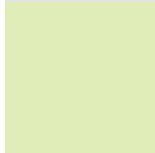
Monochromacy



Original Color
95, 72.403, 116.265



Achromatopsia
90, 0.011, 296.813



Achromatomaly
92, 27.591, 118.306

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 72.403, 116.265 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, 255, 108)` looks like.

```
.text, #text, p{  
    color:rgb(219, 255, 108)  
}
```

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, 255, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 255, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 72.403, 116.265 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, 255, 108) }
```

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

```
.border{ border-color:rgb(219, 255, 108) }
```

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

Here you see how a box with a 4 pixel rgb(219, 255, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 255, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 255, 108);  
box-shadow:4px 4px 4px 4px rgb(219, 255,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 72.403, 116.265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 255, 108) }
```

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

```
.background{ background-color: rgb(219,  
255, 108) }
```

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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