

Converting Colors

CIELCh(92, 99.957, 117.559)

Have a look what the booklet for
CIELCh(92, 99.957, 117.559)
contains.

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Color

CIELCh(92, 99.791, 117.427)

Conversions

Conversions Part 1

Format	Color
Hex	BEFC02
RGB	190, 252, 2
RGB Percent	75%, 99%, 1%
CMY	0.2542, 0.0111, 0.9932
CMYK	0.25, 0.00, 0.99, 0.01
HSL	75°, 99%, 50%
HSV	75°, 99%, 99%
XYZ	56.1545, 80.7044, 12.6664
YIQ	204.9620, 43.2980, -90.8940

Conversions

Conversions Part 2

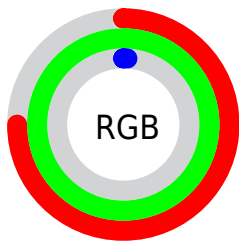
Format	Color
R _Y B	2, 252, 64
Decimal	12516354
CIE Lab	92.00, -45.97, 88.57
CIE LCh	92, 99.791, 117.427
Yxy	80.7044, 0.3756, 0.5397
Android (android.graphics.Color)	4290706434 (0xFFBEFC02)
YUV	204.9620, -100.0603, -13.1217
Hunter-Lab	89.8356, -45.6354, 54.5253

Details

The CIELCh color **92, 99.791, 117.427** is a dark color, and the websafe version is hex **CCFF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **34, 129.777, 307.565**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 76.398, 105.581**, and **72, 84.432, 121.507** is the 20% darker color. If you saturate the color by 10%, you get **92, 99.957, 117.493**, and if you desaturate by 10%, it is **92, 96.820, 116.561**.

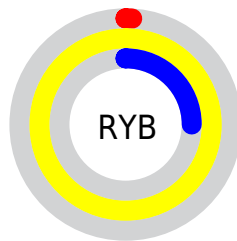
Distribution



Red (75%)

Green (99%)

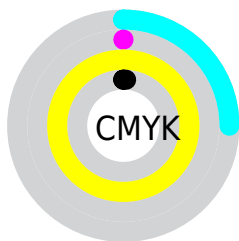
Blue (1%)



Red (1%)

Yellow (99%)

Blue (25%)

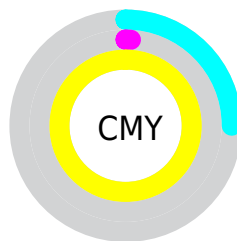


Cyan (25%)

Magenta (0%)

Yellow (99%)

Black (1%)



Cyan (25%)


Magenta (1%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 99.791, 117.427 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 92, 99.791, 117.427 by changing the saturation by 10% instead.


 92, 99.791,
117.427


 92, 99.791,
117.427


 100, 99.791,
117.427


 82, 99.791,
117.427

 72, 99.791,
117.427

 62, 99.791,
117.427

 52, 99.791,
117.427

 42, 99.791,
117.427

 32, 99.791,
117.427

 22, 99.791,

117.427

■ 12, 99.791,
117.427

■ 2, 99.791, 117.427

■ 92, 99.791,
117.427

■ 92, 99.791,
117.427

■ 92, 99.957,
117.493

■ 92, 96.820,
116.561

■ 93, 91.346,
116.117

■ 93, 83.412,
116.072

■ 94, 73.574,
116.321

■ 95, 62.423,
116.765

■ 95, 50.426,
117.326

■ 96, 37.910,
117.947

■ 97, 25.094,
118.591

■ 98, 12.123,
119.235

Harmonies

Complementary

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



92, 99.791, 117.427



34, 129.777, 307.565

Rectangle

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



92, 99.791, 117.427



92, 99.791, 167.427



92, 99.791, 297.427



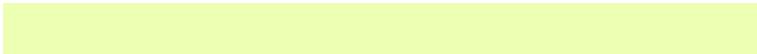
92, 99.791, 347.427

Sweetspot

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



92, 99.791, 117.429



97, 39.131, 117.902



56, 97.124, 44.123



51, 26.615, 117.636



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 99.791, 117.429



93, 100.808, 117.501



87, 115.326, 133.902



52, 7.345, 119.224



71, 80.286, 117.266



23, 35.329, 116.158

Inverse Universe

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



34, 129.777, 307.565



35, 131.232, 307.557



49, 117.947, 318.314



48, 7.493, 300.440



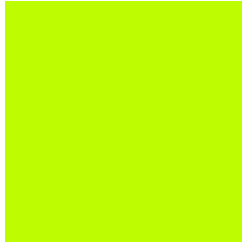
25, 104.440, 307.698



4, 42.691, 305.989

Previews

White Background



This preview shows how the CIELCh color 92, 99.791, 117.427 looks on a white background.

Color Contrast Check

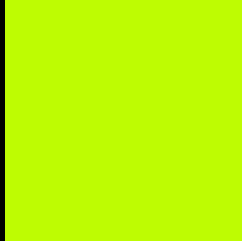
Large Text (above 18pt) WCAG AA × Fail

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 92, 99.791, 117.427 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

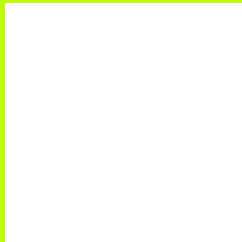
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 99.791, 117.427

Background



This preview shows how black text looks on a background with the CIELCh color 92, 99.791, 117.427.



This preview shows how white text looks on a background with the CIELCh color 92, 99.791, 117.427.

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
92, 99.722, 117.441

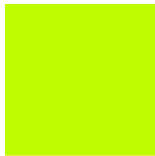
Protanopia
92, 60.107, 96.135

Deuteranopia
92, 21.994, 79.181

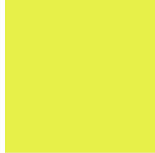


Tritanopia
92, 11.938, 254.850

Trichromacy



Original Color
92, 99.722, 117.441



Protanomaly
91, 78.121, 106.389

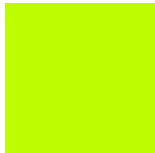


Deuteranomaly
91, 56.876, 107.621

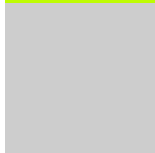


Tritanomaly
91, 42.499, 125.919

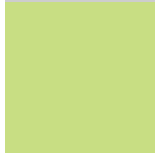
Monochromacy



Original Color
92, 99.722, 117.441



Achromatopsia
82, 0.010, 296.813



Achromatomaly
85, 47.298, 116.997

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 99.791, 117.427 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(190, 252, 2)` looks like.

```
.text, #text, p{  
    color:rgb(190, 252, 2)  
}
```

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(190, 252, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 252, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 99.791, 117.427 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(190, 252, 2) }
```

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

```
.border{ border-color:rgb(190, 252, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 252, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 252, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 252, 2);  
box-shadow:4px 4px 4px 4px rgb(190, 252,  
2) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 99.791, 117.427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 252, 2) }
```

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

```
.background{ background-color: rgb(190,  
252, 2) }
```

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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