

Converting Colors

CIELCh(92, 77.440, 116.999)

Have a look what the booklet for
CIELCh(92, 77.440, 116.999)
contains.

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Color

CIELCh(92, 77.695, 116.915)

Conversions

Conversions Part 1

Format	Color
Hex	CEF859
RGB	206, 248, 89
RGB Percent	81%, 97%, 35%
CMY	0.1936, 0.0288, 0.6523
CMYK	0.17, 0.00, 0.64, 0.03
HSL	76°, 92%, 66%
HSV	76°, 64%, 97%
XYZ	60.6018, 80.7044, 21.7583
YIQ	217.3160, 26.0070, -58.3530

Conversions

Conversions Part 2

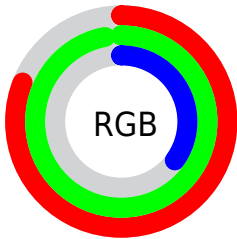
Format	Color
R_{YB}	89, 248, 131
Decimal	13563993
CIE _{Lab}	92.00, -35.17, 69.28
CIE _{LCh}	92, 77.695, 116.915
Y _{xy}	80.7044, 0.3716, 0.4949
Android (android.graphics.Color)	4291754073 (0xFFCEF859)
Y _{UV}	217.3160, -63.2598, -9.9241
Hunter-Lab	89.8356, -36.7989, 48.5249

Details

The CIELCh color **92, 77.695, 116.915** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **50, 91.367, 306.093**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 54.455, 106.010**, and **72, 77.509, 116.846** is the 20% darker color. If you saturate the color by 10%, you get **91, 86.617, 116.820**, and if you desaturate by 10%, it is **93, 67.218, 117.259**.

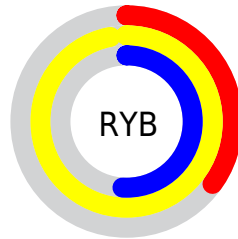
Distribution



Red (81%)

Green (97%)

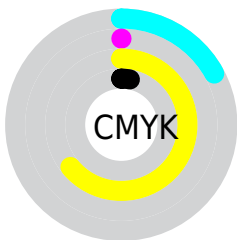
Blue (35%)



Red (35%)

Yellow (97%)

Blue (51%)

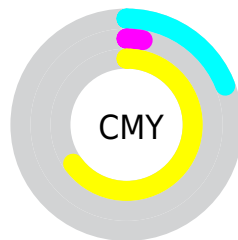


Cyan (17%)

Magenta (0%)

Yellow (64%)

Black (3%)



Cyan (19%)

Magenta (3%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 77.695, 116.915 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, 77.695, 116.915 by changing the saturation by 10% instead.

■ 92, 77.695,
116.915

■ 92, 77.695,
116.915

■ 100, 77.695,
116.915

■ 82, 77.695,
116.915

■ 72, 77.695,
116.915

■ 62, 77.695,
116.915

■ 52, 77.695,
116.915

■ 42, 77.695,
116.915

■ 32, 77.695,
116.915

■ 22, 77.695,

116.915

■ 12, 77.695,
116.915

■ 2, 77.695, 116.915

■ 92, 77.695,
116.915

■ 92, 77.695,
116.915

■ 91, 86.617,
116.820

■ 93, 67.218,
117.259

■ 91, 93.385,
117.076

■ 93, 55.707,
117.754

■ 91, 97.584,
117.776

■ 94, 43.548,
118.334

■ 90, 99.062,
118.349

■ 95, 31.004,
118.953

96, 18.248,
119.582

97, 5.396, 120.205

98, 4.000, 309.733

98, 4.573, 324.533

Harmonies

Complementary

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



92, 77.695, 116.915



50, 91.367, 306.093

Rectangle

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



92, 77.695, 116.915



92, 77.695, 166.915



92, 77.695, 296.915



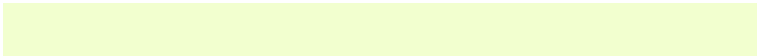
92, 77.695, 346.915

Sweetspot

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



92, 77.696, 116.917



98, 24.972, 119.279



67, 59.658, 44.717



52, 17.170, 119.098



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, 77.696, 116.917



94, 90.829, 116.853



88, 88.545, 133.779



52, 7.361, 119.876



71, 80.662, 118.124



23, 35.460, 116.959

Inverse Universe

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



50, 91.367, 306.093



44, 111.419, 307.254



59, 91.251, 319.738



48, 7.508, 301.055



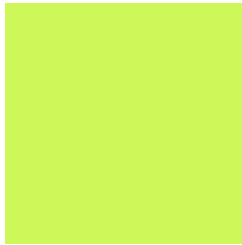
25, 104.176, 307.880



4, 42.737, 306.376

Previews

White Background



This preview shows how the CIE LCh color 92, 77.695, 116.915 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 CIE LCh color 92, 77.695, 116.915 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, 77.695, 116.915

Background



This preview shows how black text looks on a background with the CIELCh color 92, 77.695, 116.915.

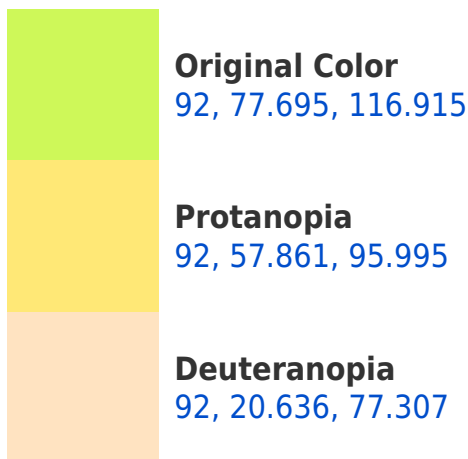


This preview shows how white text looks on a background with the CIELCh color 92, 77.695, 116.915.

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



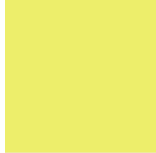


Tritanopia
92, 9.653, 274.510

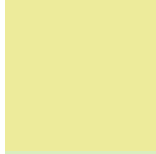
Trichromacy



Original Color
92, 77.695, 116.915



Protanomaly
92, 64.366, 105.358



Deuteranomaly
92, 40.642, 105.755

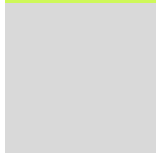


Tritanomaly
92, 25.396, 126.247

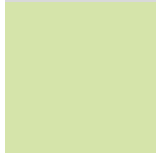
Monochromacy



Original Color
92, 77.695, 116.915



Achromatopsia
87, 0.010, 296.813



Achromatomaly
88, 30.434, 118.655

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 77.695, 116.915 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(206, 248, 89)` looks like.

```
.text, #text, p{  
    color:rgb(206, 248, 89)  
}
```

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(206, 248, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 248, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 77.695, 116.915 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(206, 248, 89) }
```

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

```
.border{ border-color:rgb(206, 248, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 248, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 248, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 248, 89);  
box-shadow:4px 4px 4px 4px rgb(206, 248,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 77.695, 116.915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 248, 89) }
```

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

```
.background{ background-color: rgb(206,  
248, 89) }
```

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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