

Converting Colors

CIELCh(92, 50.553, 108.420)

Have a look what the booklet for
CIELCh(92, 50.553, 108.420)
contains.

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Color

CIELCh(92, 50.746, 108.829)

Conversions

Conversions Part 1

Format	Color
Hex	E9EF8A
RGB	233, 239, 138
RGB Percent	91%, 94%, 54%
CMY	0.0872, 0.0637, 0.4597
CMYK	0.03, 0.00, 0.42, 0.06
HSL	64°, 76%, 74%
HSV	64°, 42%, 94%
XYZ	68.8924, 80.7044, 35.9065
YIQ	225.6920, 28.8450, -32.6830

Conversions

Conversions Part 2

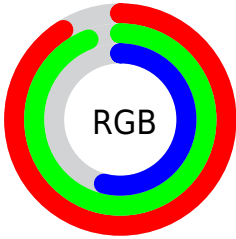
Format	Color
R _Y B	138, 239, 144
Decimal	15331210
CIE Lab	92.00, -16.38, 48.03
CIE LCh	92, 50.746, 108.829
Yxy	80.7044, 0.3714, 0.4351
Android (android.graphics.Color)	4293521290 (0xFFE9EF8A)
YUV	225.6920, -43.2322, 6.4091
Hunter-Lab	89.8356, -20.3258, 39.1873

Details

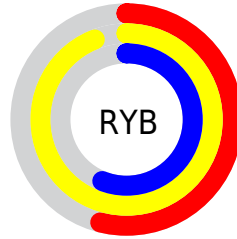
The CIELCh color **92, 50.746, 108.829** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **62, 56.715, 297.712**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 31.221, 107.803**, and **72, 50.461, 108.653** is the 20% darker color. If you saturate the color by 10%, you get **92, 61.741, 108.045**, and if you desaturate by 10%, it is **92, 39.156, 109.680**.

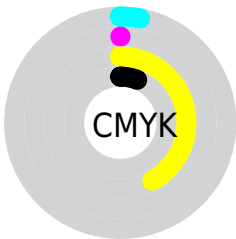
Distribution



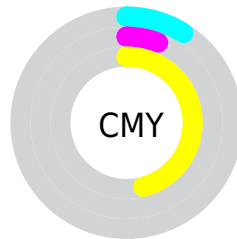
- Red (91%)
- Green (94%)
- Blue (54%)



- Red (54%)
- Yellow (94%)
- Blue (56%)



- Cyan (3%)
- Magenta (0%)
- Yellow (42%)
- Black (6%)





- Cyan (9%)
- Magenta (6%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 50.746, 108.829 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, 50.746, 108.829 by changing the saturation by 10% instead.


 92, 50.746,
108.829


 92, 50.746,
108.829


 100, 50.746,
108.829


 82, 50.746,
108.829

 72, 50.746,
108.829

 62, 50.746,
108.829

 52, 50.746,
108.829

 42, 50.746,
108.829

 32, 50.746,
108.829

 22, 50.746,

108.829

■ 12, 50.746,
108.829

■ 2, 50.746, 108.829

■ 92, 50.746,
108.829

■ 92, 50.746,
108.829

■ 92, 61.741,
108.045

■ 92, 39.156,
109.680

■ 91, 71.777,
107.361

■ 93, 27.208,
110.558

■ 91, 80.355,
106.832

■ 94, 15.058,
111.442

■ 91, 86.886,
106.517

■ 94, 2.808, 112.305

■ 95, 8.366, 293.410

■ 91, 90.899,
106.462

■ 95, 8.409, 296.742

■ 91, 92.460,
106.579

■ 95, 8.479, 300.038

■ 95, 8.577, 303.279

■ 95, 8.701, 306.445

Harmonies

Complementary

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



92, 50.746, 108.829



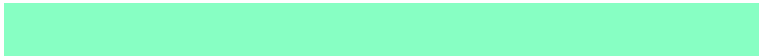
62, 56.715, 297.712

Rectangle

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



92, 50.746, 108.829



92, 50.746, 158.829



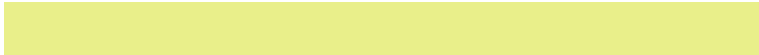
92, 50.746, 288.829



92, 50.746, 338.829

Sweetspot

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



92, 50.748, 108.832



99, 16.790, 111.376



69, 40.177, 27.178



53, 11.741, 111.180



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, 50.748, 108.832



97, 63.646, 108.129



89, 55.413, 128.821



50, 6.984, 111.690



72, 75.924, 106.518



22, 31.975, 106.604

Inverse Universe

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



62, 56.715, 297.712



59, 73.423, 299.252



66, 58.493, 312.800



46, 7.141, 293.408



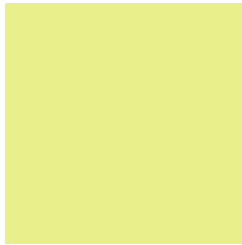
22, 104.253, 306.464



3, 37.956, 300.142

Previews

White Background



This preview shows how the CIELCh color 92, 50.746, 108.829 looks on a white background.

Color Contrast Check

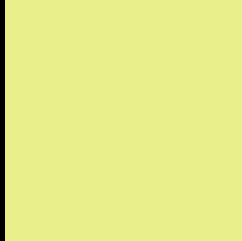
Large Text (above 18pt) WCAG AA × Fail

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, 50.746, 108.829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

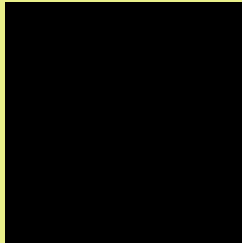
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 50.746, 108.829

Background



This preview shows how black text looks on a background with the CIELCh color 92, 50.746, 108.829.

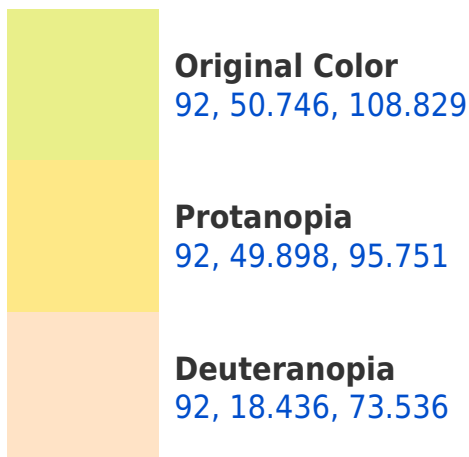


This preview shows how white text looks on a background with the CIELCh color 92, 50.746, 108.829.

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](#).

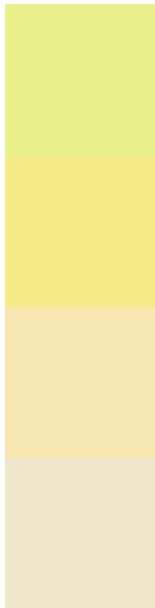
Dichromacy





Tritanopia
92, 11.527, 326.293

Trichromacy



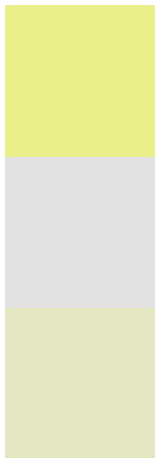
Original Color
92, 50.746, 108.829

Protanomaly
92, 49.674, 100.499

Deuteranomaly
92, 28.921, 95.378

Tritanomaly
92, 13.895, 93.475

Monochromacy



Original Color
92, 50.746, 108.829

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 19.089, 110.881

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 50.746, 108.829 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(233, 239, 138)` looks like.

```
.text, #text, p{  
    color:rgb(233, 239, 138)  
}
```

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(233, 239, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 239, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 50.746, 108.829 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(233, 239, 138) }
```

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

```
.border{ border-color:rgb(233, 239, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 239, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 239, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 239, 138);  
box-shadow:4px 4px 4px 4px rgb(233, 239,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 50.746, 108.829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 239, 138) }
```

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

```
.background{ background-color: rgb(233,  
239, 138) }
```

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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