

Converting Colors

CIELCh(92, 39.149, 108.742)

Have a look what the booklet for
CIELCh(92, 39.149, 108.742)
contains.

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Color

CIELCh(92, 39.122, 108.754)

Conversions

Conversions Part 1

Format	Color
Hex	EAEDA0
RGB	234, 237, 160
RGB Percent	92%, 93%, 63%
CMY	0.0818, 0.0700, 0.3720
CMYK	0.01, 0.00, 0.32, 0.07
HSL	62°, 68%, 78%
HSV	62°, 32%, 93%
XYZ	70.6559, 80.7044, 45.1694
YIQ	227.3250, 22.9290, -24.5830

Conversions

Conversions Part 2

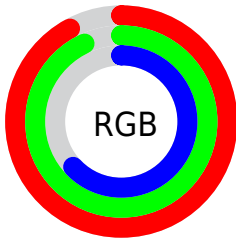
Format	Color
RYB	160, 237, 163
Decimal	15396256
CIELab	92.00, -12.58, 37.04
CIElCh	92, 39.122, 108.754
Yxy	80.7044, 0.3595, 0.4106
Android (android.graphics.Color)	4293586336 (0xFFEAEDA0)
YUV	227.3250, -33.1912, 5.8540
Hunter-Lab	89.8356, -16.8218, 33.0739

Details

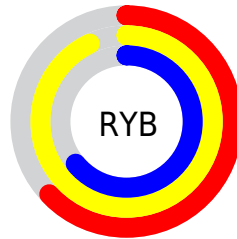
The CIELCh color **92, 39.122, 108.754** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **69, 42.405, 295.538**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 20.216, 108.647**, and **72, 39.261, 108.759** is the 20% darker color. If you saturate the color by 10%, you get **92, 50.635, 107.879**, and if you desaturate by 10%, it is **92, 27.254, 109.665**.

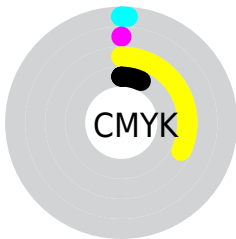
Distribution



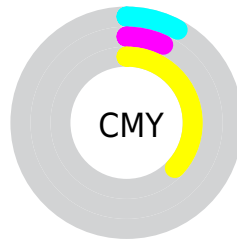
- Red (92%)
- Green (93%)
- Blue (63%)



- Red (63%)
- Yellow (93%)
- Blue (64%)



- Cyan (1%)
- Magenta (0%)
- Yellow (32%)
- Black (7%)





- Cyan (8%)
- Magenta (7%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 39.122, 108.754 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, 39.122, 108.754 by changing the saturation by 10% instead.


 92, 39.122,
108.754


 92, 39.122,
108.754


 100, 39.122,
108.754


 82, 39.122,
108.754

 72, 39.122,
108.754

 62, 39.122,
108.754

 52, 39.122,
108.754

 42, 39.122,
108.754

 32, 39.122,
108.754

 22, 39.122,

108.754

■ 12, 39.122,
108.754

■ 2, 39.122, 108.754

■ 92, 39.122,
108.754

■ 92, 39.122,
108.754

■ 92, 50.635,
107.879

■ 92, 27.254,
109.665

■ 91, 61.547,
107.062

■ 93, 15.182,
110.580

■ 91, 71.497,
106.342

■ 94, 3.009, 111.473

■ 91, 79.984,
105.770

■ 94, 9.199, 292.386

■ 94, 9.224, 294.357

■ 91, 86.423,
105.397

■ 94, 9.253, 296.322

■ 90, 90.351,
105.263

■ 95, 9.293, 298.277

■ 95, 9.343, 300.216

■ 90, 91.846,
105.301

■ 95, 9.403, 302.135

Harmonies

Complementary

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



92, 39.122, 108.754



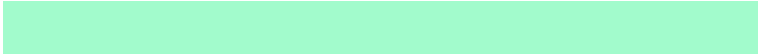
69, 42.405, 295.538

Rectangle

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



92, 39.122, 108.754



92, 39.122, 158.754



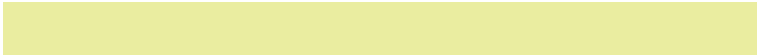
92, 39.122, 288.754



92, 39.122, 338.754

Sweetspot

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



92, 39.124, 108.757



99, 12.914, 110.802



74, 30.003, 24.690



53, 8.808, 110.673



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, 39.124, 108.757



98, 49.511, 108.166



89, 42.393, 128.718



49, 6.857, 110.854



71, 75.030, 105.260



21, 30.660, 105.637

Inverse Universe

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



69, 42.405, 295.538



68, 54.788, 296.592



72, 44.230, 311.766



45, 7.011, 292.633



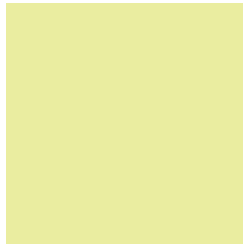
22, 103.275, 306.405



2, 35.814, 298.675

Previews

White Background



This preview shows how the CIE LCh color 92, 39.122, 108.754 looks on a white background.

Color Contrast Check

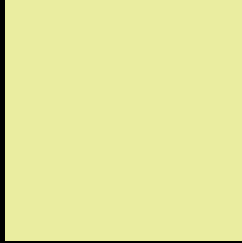
Large Text (above 18pt) WCAG AA × Fail

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, 39.122, 108.754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

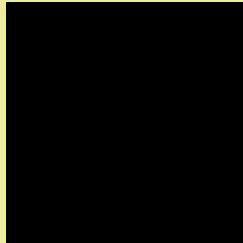
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 39.122, 108.754

Background



This preview shows how black text looks on a background with the CIELCh color 92, 39.122, 108.754.

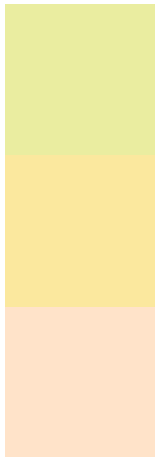


This preview shows how white text looks on a background with the CIELCh color 92, 39.122, 108.754.

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, 39.122, 108.754

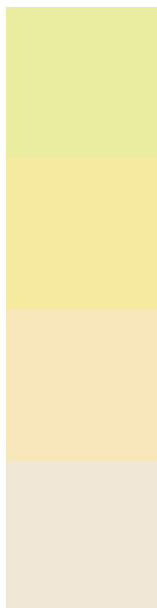
Protanopia
92, 38.548, 95.718

Deuteranopia
92, 17.165, 70.788



Tritanopia
92, 10.693, 324.798

Trichromacy



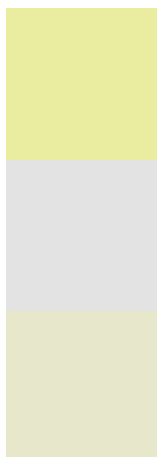
Original Color
92, 39.122, 108.754

Protanomaly
92, 38.450, 100.534

Deuteranomaly
92, 23.950, 93.352

Tritanomaly
92, 9.351, 88.693

Monochromacy



Original Color
92, 39.122, 108.754

Achromatopsia
90, 0.011, 296.813

Achromatomaly
91, 14.441, 110.478

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 39.122, 108.754 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(234, 237, 160)` looks like.

```
.text, #text, p{  
    color:rgb(234, 237, 160)  
}
```

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(234, 237, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 237, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 39.122, 108.754 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(234, 237, 160) }
```

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

```
.border{ border-color:rgb(234, 237, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 237, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 237, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 237, 160);  
box-shadow:4px 4px 4px 4px rgb(234, 237,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 39.122, 108.754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 237, 160) }
```

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

```
.background{ background-color: rgb(234,  
237, 160) }
```

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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