

Converting Colors

CIELCh(92, 33.974, 110.653)

Have a look what the booklet for
CIELCh(92, 33.974, 110.653)
contains.

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Color

CIELCh(92, 34.196, 110.688)

Conversions

Conversions Part 1

Format	Color
Hex	E8EDAA
RGB	232, 237, 170
RGB Percent	91%, 93%, 67%
CMY	0.0898, 0.0702, 0.3330
CMYK	0.02, 0.00, 0.28, 0.07
HSL	64°, 65%, 80%
HSV	64°, 28%, 93%
XYZ	70.8888, 80.7044, 49.9181
YIQ	227.8670, 18.5270, -21.8970

Conversions

Conversions Part 2

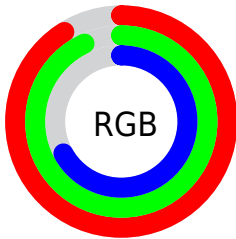
Format	Color
RYB	170, 237, 175
Decimal	15265194
CIELab	92.00, -12.08, 31.99
CIELCh	92, 34.196, 110.688
Yxy	80.7044, 0.3518, 0.4005
Android (android.graphics.Color)	4293455274 (0xFFE8EDAA)
YUV	227.8670, -28.5284, 3.6246
Hunter-Lab	89.8356, -16.3589, 29.9399

Details

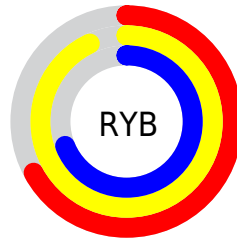
The CIELCh color **92, 34.196, 110.688** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **72, 36.600, 296.112**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 14.673, 109.069**, and **72, 34.186, 110.294** is the 20% darker color. If you saturate the color by 10%, you get **92, 45.899, 109.851**, and if you desaturate by 10%, it is **93, 22.213, 111.552**.

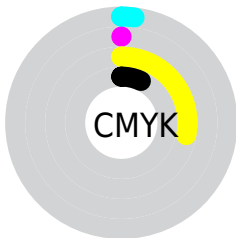
Distribution



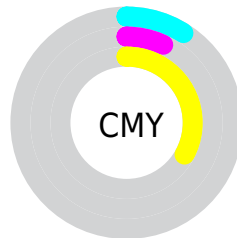
- Red (91%)
- Green (93%)
- Blue (67%)



- Red (67%)
- Yellow (93%)
- Blue (69%)



- Cyan (2%)
- Magenta (0%)
- Yellow (28%)
- Black (7%)



- Cyan (9%)
- Magenta (7%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 34.196, 110.688 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, 34.196, 110.688 by changing the saturation by 10% instead.

 92, 34.196,
110.688

 92, 34.196,
110.688

 100, 34.196,
110.688

 82, 34.196,
110.688

 72, 34.196,
110.688

 62, 34.196,
110.688

 52, 34.196,
110.688

 42, 34.196,
110.688

 32, 34.196,
110.688

 22, 34.196,

110.688

■ 12, 34.196,
110.688

■ 2, 34.196, 110.688

■ 92, 34.196,
110.688

■ 92, 34.196,
110.688

■ 92, 45.899,
109.851

■ 93, 22.213,
111.552

■ 91, 57.116,
109.058

■ 93, 10.073,
112.411

■ 91, 67.545,
108.353

■ 94, 2.136, 293.281

■ 90, 76.744,
107.785

■ 94, 9.256, 295.323

■ 95, 9.330, 299.056

■ 90, 84.153,
107.415

■ 95, 9.443, 302.728

■ 90, 89.219,
107.303

■ 95, 9.593, 306.311

■ 90, 91.781,
107.470

■ 95, 9.780, 309.783

■ 90, 92.108,
107.512

■ 95, 10.001,
313.124

Harmonies

Complementary

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



92, 34.196, 110.688



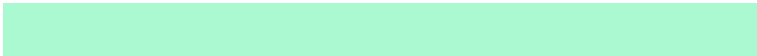
72, 36.600, 296.112

Rectangle

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



92, 34.196, 110.688



92, 34.196, 160.688



92, 34.196, 290.688



92, 34.196, 340.688

Sweetspot

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



92, 34.198, 110.691



99, 10.347, 112.431



77, 24.932, 26.903



53, 7.352, 112.302



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

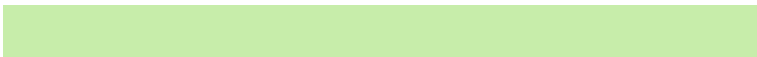
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 34.198, 110.691



98, 43.442, 110.194



90, 37.276, 130.073



49, 6.866, 112.309



70, 75.245, 107.434



21, 30.709, 107.606

Inverse Universe

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



72, 36.600, 296.112



73, 47.286, 296.915



75, 38.541, 312.646



45, 7.020, 293.977



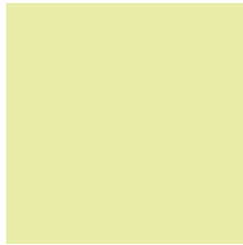
22, 103.085, 306.519



3, 35.895, 299.517

Previews

White Background



This preview shows how the CIELCh color 92, 34.196, 110.688 looks on a white background.

Color Contrast Check

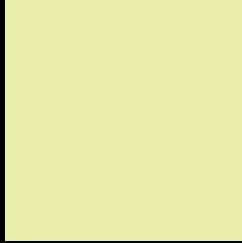
Large Text (above 18pt) WCAG AA × Fail

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, 34.196, 110.688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

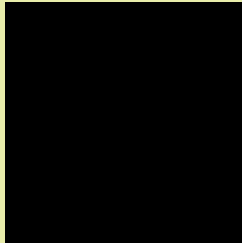
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 34.196, 110.688

Background



This preview shows how black text looks on a background with the CIELCh color 92, 34.196, 110.688.

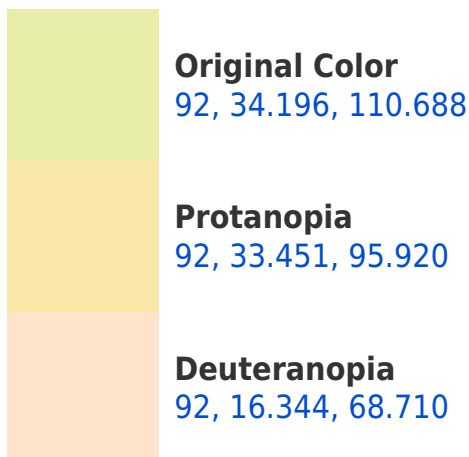


This preview shows how white text looks on a background with the CIELCh color 92, 34.196, 110.688.

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](#).

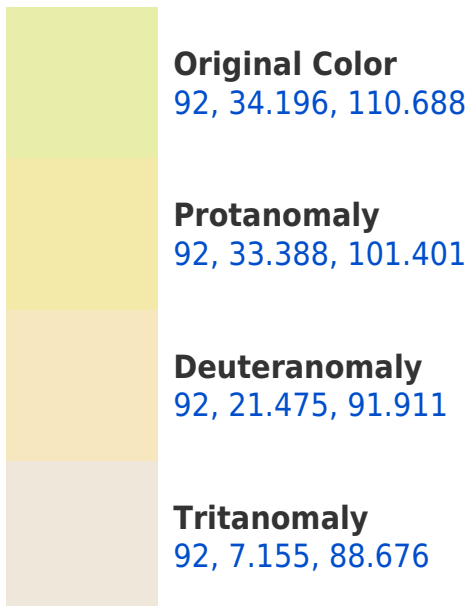
Dichromacy





Tritanopia
92, 10.758, 320.110

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 34.196, 110.688 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(232, 237, 170)` looks like.

```
.text, #text, p{  
    color:rgb(232, 237, 170)  
}
```

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(232, 237, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 237, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 34.196, 110.688 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(232, 237, 170) }
```

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

```
.border{ border-color:rgb(232, 237, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 237, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 237, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 237, 170);  
box-shadow:4px 4px 4px 4px rgb(232, 237,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 34.196, 110.688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 237, 170) }
```

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

```
.background{ background-color: rgb(232,  
237, 170) }
```

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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