

Converting Colors

CIELCh(92, 30.540, 113.478)

Have a look what the booklet for
CIELCh(92, 30.540, 113.478)
contains.

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Color

CIElCh(92, 30.298, 113.577)

Conversions

Conversions Part 1

Format	Color
Hex	E5EDB2
RGB	229, 237, 178
RGB Percent	90%, 93%, 70%
CMY	0.1006, 0.0692, 0.3007
CMYK	0.03, 0.00, 0.25, 0.07
HSL	68°, 63%, 82%
HSV	68°, 25%, 93%
XYZ	70.8711, 80.7044, 54.1313
YIQ	227.8820, 14.1710, -20.0450

Conversions

Conversions Part 2

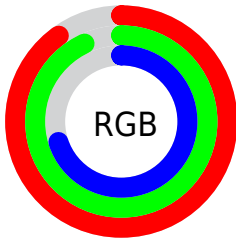
Format	Color
RYB	178, 237, 186
Decimal	15068594
CIELab	92.00, -12.12, 27.77
CIELCh	92, 30.298, 113.577
Yxy	80.7044, 0.3445, 0.3923
Android (android.graphics.Color)	4293258674 (0xFFE5EDB2)
YUV	227.8820, -24.5918, 0.9805
Hunter-Lab	89.8356, -16.3942, 27.1592

Details

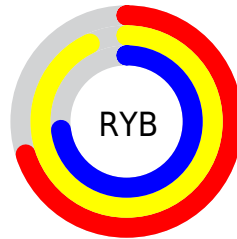
The CIELCh color **92, 30.298, 113.577** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **75, 32.084, 297.775**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 10.630, 109.373**, and **72, 30.160, 113.464** is the 20% darker color. If you saturate the color by 10%, you get **91, 42.181, 112.815**, and if you desaturate by 10%, it is **93, 18.188, 114.358**.

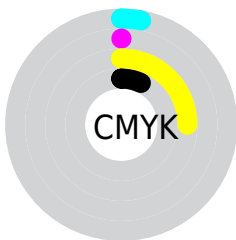
Distribution



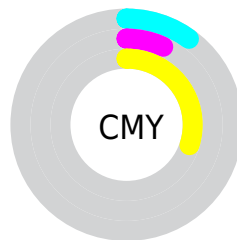
- Red (90%)
- Green (93%)
- Blue (70%)



- Red (70%)
- Yellow (93%)
- Blue (73%)



- Cyan (3%)
- Magenta (0%)
- Yellow (25%)
- Black (7%)





- Cyan (10%)
- Magenta (7%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 30.298, 113.577 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, 30.298, 113.577 by changing the saturation by 10% instead.


 92, 30.298,
113.577


 92, 30.298,
113.577


 100, 30.298,
113.577


 82, 30.298,
113.577

 72, 30.298,
113.577

 62, 30.298,
113.577

 52, 30.298,
113.577

 42, 30.298,
113.577

 32, 30.298,
113.577

 22, 30.298,

113.577

■ 12, 30.298,
113.577

■ 2, 30.298, 113.577

■ 92, 30.298,
113.577

■ 92, 30.298,
113.577

■ 91, 42.181,
112.815

■ 93, 18.188,
114.358

■ 91, 53.659,
112.089

■ 93, 5.959, 115.127

■ 90, 64.473,
111.442

■ 94, 6.313, 295.883

■ 95, 9.269, 301.313

■ 90, 74.234,
110.929

■ 95, 9.545, 307.903

■ 90, 82.421,
110.621

■ 95, 9.938, 314.087

■ 89, 88.453,
110.597

■ 95, 10.438,
319.775

■ 89, 91.944,
110.918

■ 96, 11.014,
324.796

■ 89, 92.987,
111.186

Harmonies

Complementary

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



92, 30.298, 113.577



75, 32.084, 297.775

Rectangle

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



92, 30.298, 113.577



92, 30.298, 163.577



92, 30.298, 293.577



92, 30.298, 343.577

Sweetspot

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



92, 30.300, 113.580



99, 9.088, 114.963



80, 20.495, 32.581



53, 5.905, 114.917



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, 30.300, 113.580



98, 38.617, 113.175



90, 33.459, 132.457



50, 7.015, 114.775



70, 76.679, 111.057



22, 32.186, 110.722

Inverse Universe

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



75, 32.084, 297.775



76, 41.464, 298.372



78, 34.267, 314.661



46, 7.169, 296.267



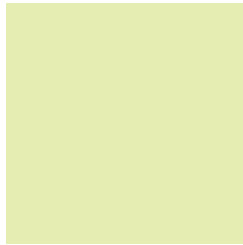
22, 103.696, 306.802



3, 38.176, 301.903

Previews

White Background



This preview shows how the CIELCh color 92, 30.298, 113.577 looks on a white background.

Color Contrast Check

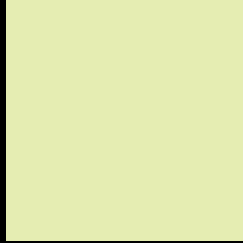
Large Text (above 18pt) WCAG AA × Fail

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, 30.298, 113.577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

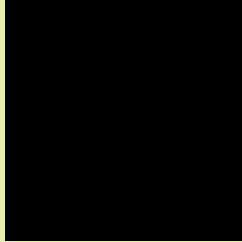
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

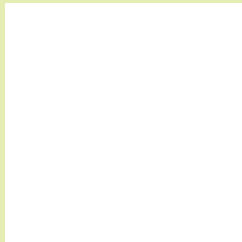
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 30.298, 113.577

Background



This preview shows how black text looks on a background with the CIELCh color 92, 30.298, 113.577.

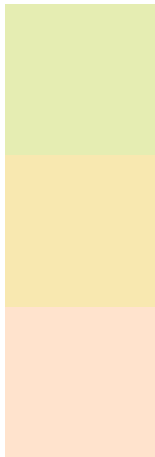


This preview shows how white text looks on a background with the CIELCh color 92, 30.298, 113.577.

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, 30.298, 113.577

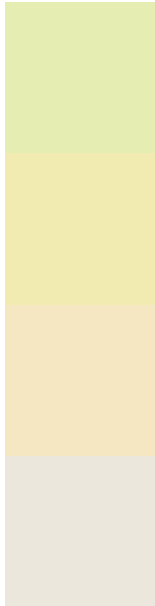
Protanopia
92, 29.395, 95.548

Deuteranopia
92, 15.548, 66.407



Tritanopia
92, 10.002, 311.283

Trichromacy



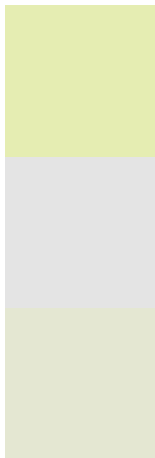
Original Color
92, 30.298, 113.577

Protanomaly
92, 29.294, 102.484

Deuteranomaly
92, 19.388, 91.534

Tritanomaly
92, 5.341, 93.985

Monochromacy



Original Color
92, 30.298, 113.577

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 10.899, 115.097

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 30.298, 113.577 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(229, 237, 178)` looks like.

```
.text, #text, p{  
    color:rgb(229, 237, 178)  
}
```

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(229, 237, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 237, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 30.298, 113.577 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(229, 237, 178) }
```

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

```
.border{ border-color:rgb(229, 237, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 237, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 237, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 237, 178);  
box-shadow:4px 4px 4px 4px rgb(229, 237,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 30.298, 113.577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 237, 178) }
```

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

```
.background{ background-color: rgb(229,  
237, 178) }
```

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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