

Converting Colors

CIELCh(92, 34.411, 115.361)

Have a look what the booklet for
CIELCh(92, 34.411, 115.361)
contains.

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Color

CIELCh(92, 34.492, 115.810)

Conversions

Conversions Part 1

Format	Color
Hex	E2EFAC
RGB	226, 239, 172
RGB Percent	89%, 94%, 67%
CMY	0.1146, 0.0636, 0.3263
CMYK	0.05, 0.00, 0.28, 0.06
HSL	72°, 67%, 81%
HSV	72°, 28%, 94%
XYZ	69.5204, 80.7044, 50.8362
YIQ	227.4750, 13.7590, -23.5930

Conversions

Conversions Part 2

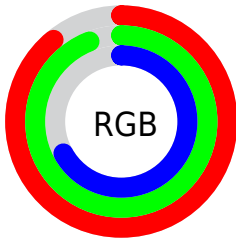
Format	Color
RYB	172, 239, 185
Decimal	14872492
CIELab	92.00, -15.02, 31.05
CIElCh	92, 34.492, 115.810
Yxy	80.7044, 0.3458, 0.4014
Android (android.graphics.Color)	4293062572 (0xFFE2EFAC)
YUV	227.4750, -27.3492, -1.2936
Hunter-Lab	89.8356, -19.0780, 29.3339

Details

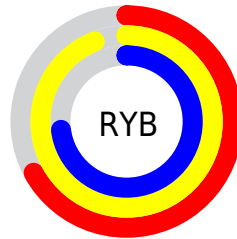
The CIELCh color **92, 34.492, 115.810** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **74, 36.736, 300.111**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 13.663, 109.145**, and **72, 34.517, 115.759** is the 20% darker color. If you saturate the color by 10%, you get **91, 46.413, 115.130**, and if you desaturate by 10%, it is **93, 22.303, 116.516**.

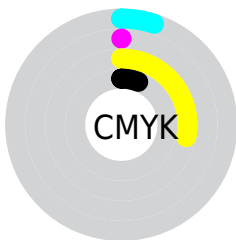
Distribution



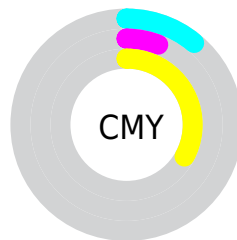
- Red (89%)
- Green (94%)
- Blue (67%)



- Red (67%)
- Yellow (94%)
- Blue (73%)



- Cyan (5%)
- Magenta (0%)
- Yellow (28%)
- Black (6%)



- Cyan (11%)
- Magenta (6%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 34.492, 115.810 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, 34.492, 115.810 by changing the saturation by 10% instead.

92, 34.492,
115.810

92, 34.492,
115.810

100, 34.492,
115.810

82, 34.492,
115.810

72, 34.492,
115.810

62, 34.492,
115.810

52, 34.492,
115.810

42, 34.492,
115.810

32, 34.492,
115.810

22, 34.492,

115.810

■ 12, 34.492,
115.810

■ 2, 34.492, 115.810

■ 92, 34.492,
115.810

■ 92, 34.492,
115.810

■ 91, 46.413,
115.130

■ 93, 22.303,
116.516

■ 91, 57.862,
114.500

■ 94, 9.968, 117.217

■ 90, 68.544,
113.973

■ 95, 2.422, 297.894

■ 95, 8.584, 303.688

■ 90, 78.029,
113.615

■ 96, 9.093, 313.629

■ 89, 85.765,
113.515

■ 96, 9.844, 322.366

■ 89, 91.195,
113.765

■ 96, 10.113,
324.763

■ 88, 94.134,
114.410

■ 88, 94.567,
114.556

Harmonies

Complementary

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



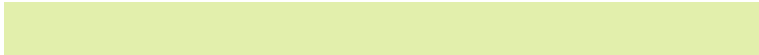
92, 34.492, 115.810



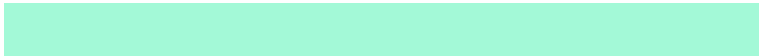
74, 36.736, 300.111

Rectangle

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



92, 34.492, 115.810



92, 34.492, 165.810



92, 34.492, 295.810



92, 34.492, 345.810

Sweetspot

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



92, 34.494, 115.813



99, 10.441, 117.218



79, 22.743, 37.527



53, 7.420, 117.113



0, 0.000, 0.000



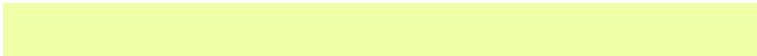
53, 0.007, 296.813

Same Dimension

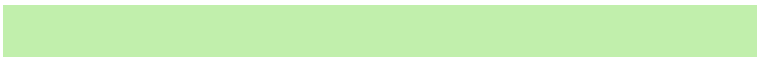
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 34.494, 115.813



97, 43.896, 115.394



90, 38.477, 133.881



50, 7.053, 117.118



70, 77.599, 114.378



22, 32.469, 113.771

Inverse Universe

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



74, 36.736, 300.111



73, 47.504, 300.748



76, 39.355, 316.411



46, 7.202, 298.455



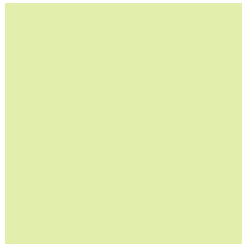
23, 103.052, 307.212



3, 38.370, 303.249

Previews

White Background



This preview shows how the CIELCh color 92, 34.492, 115.810 looks on a white background.

Color Contrast Check

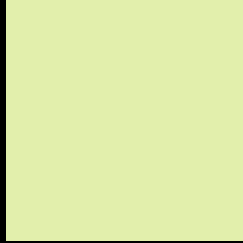
Large Text (above 18pt) WCAG AA × Fail

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, 34.492, 115.810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

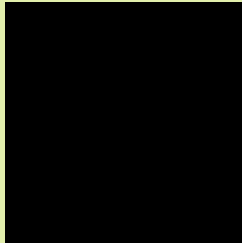
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

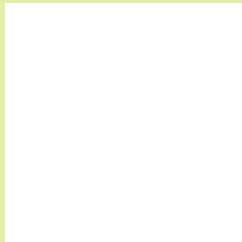
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 34.492, 115.810

Background



This preview shows how black text looks on a background with the CIELCh color 92, 34.492, 115.810.



This preview shows how white text looks on a background with the CIELCh color 92, 34.492, 115.810.

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, 34.492, 115.810

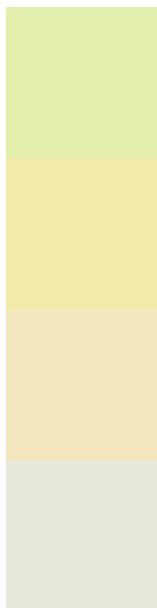
Protanopia
92, 32.956, 95.800

Deuteranopia
92, 15.943, 67.589



Tritanopia
92, 9.672, 305.460

Trichromacy



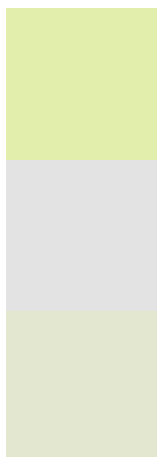
Original Color
92, 34.492, 115.810

Protanomaly
92, 32.811, 102.724

Deuteranomaly
92, 20.668, 94.641

Tritanomaly
92, 6.708, 112.728

Monochromacy



Original Color
92, 34.492, 115.810

Achromatopsia
90, 0.011, 296.813

Achromatomaly
91, 12.480, 115.956

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 34.492, 115.810 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(226, 239, 172)` looks like.

```
.text, #text, p{  
    color:rgb(226, 239, 172)  
}
```

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(226, 239, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 239, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 34.492, 115.810 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(226, 239, 172) }
```

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

```
.border{ border-color:rgb(226, 239, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 239, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 239, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 239, 172);  
box-shadow:4px 4px 4px 4px rgb(226, 239,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 34.492, 115.810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 239, 172) }
```

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

```
.background{ background-color: rgb(226,  
239, 172) }
```

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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