

Converting Colors

CIELCh(90, 16.505, 114.433)

Have a look what the booklet for
CIELCh(90, 16.505, 114.433)
contains.

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Color

CIELCh(90, 16.086, 114.194)

Conversions

Conversions Part 1

Format	Color
Hex	E1E5C6
RGB	225, 229, 198
RGB Percent	88%, 90%, 78%
CMY	0.1167, 0.1010, 0.2226
CMYK	0.02, 0.00, 0.14, 0.10
HSL	68°, 38%, 84%
HSV	68°, 14%, 90%
XYZ	69.4298, 76.3034, 64.6340
YIQ	224.2700, 7.5670, -10.4890

Conversions

Conversions Part 2

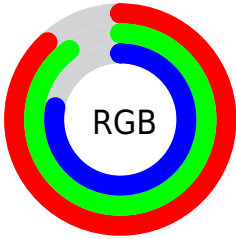
Format	Color
RYB	198, 229, 202
Decimal	14804422
CIELab	90.00, -6.59, 14.67
CIELCh	90, 16.086, 114.194
Yxy	76.3034, 0.3300, 0.3627
Android (android.graphics.Color)	4292994502 (0xFFE1E5C6)
YUV	224.2700, -12.9511, 0.6402
Hunter-Lab	87.3518, -10.9885, 17.2759

Details

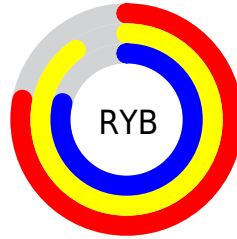
The CIELCh color **90, 16.086, 114.194** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **81, 16.582, 296.390**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 16.376, 114.106** is the 20% darker color. If you saturate the color by 10%, you get **89, 27.878, 113.415**, and if you desaturate by 10%, it is **91, 4.195, 114.973**.

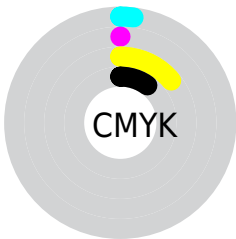
Distribution



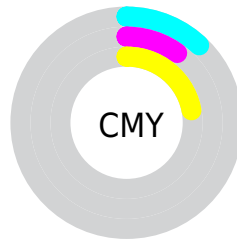
- Red (88%)
- Green (90%)
- Blue (78%)



- Red (78%)
- Yellow (90%)
- Blue (79%)



- Cyan (2%)
- Magenta (0%)
- Yellow (14%)
- Black (10%)





- Cyan (12%)
- Magenta (10%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 16.086, 114.194 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 90, 16.086, 114.194 by changing the saturation by 10% instead.


 90, 16.086,
114.194


 90, 16.086,
114.194


 100, 16.086,
114.194


 80, 16.086,
114.194


 70, 16.086,
114.194

 60, 16.086,
114.194

 50, 16.086,
114.194

 40, 16.086,
114.194

 30, 16.086,
114.194

 20, 16.086,

114.194

■ 10, 16.086,
114.194

■ 0, 16.086, 114.194

■ 90, 16.086,
114.194

■ 90, 16.086,
114.194

■ 89, 27.878,
113.415

■ 91, 4.195, 114.973

■ 89, 39.461,
112.639

■ 92, 7.732, 295.734

■ 88, 50.681,
111.898

■ 92, 13.472,
298.328

■ 88, 61.299,
111.229

■ 92, 13.645,
302.562

■ 93, 13.889,
306.693

■ 87, 70.956,
110.683

■ 93, 14.202,
310.685

■ 87, 79.165,
110.327

■ 93, 14.580,
314.510

■ 87, 85.361,
110.239

■ 93, 15.020,
318.147

■ 86, 89.119,
110.482

■ 93, 15.516,
321.583

■ 86, 90.475,
110.788

Harmonies

Complementary

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



90, 16.086, 114.194



81, 16.582, 296.390

Rectangle

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



90, 16.086, 114.194



90, 16.086, 164.194



90, 16.086, 294.194



90, 16.086, 344.194

Sweetspot

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



90, 16.088, 114.199



100, 5.188, 114.935



83, 10.470, 30.545



53, 3.688, 114.878



0, 0.000, 0.000



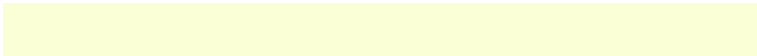
53, 0.007, 296.813

Same Dimension

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



90, 16.088, 114.199



99, 20.731, 113.998



89, 17.596, 132.463



48, 6.766, 114.517



69, 75.006, 110.664



20, 29.516, 110.780

Inverse Universe

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



81, 16.582, 296.390



87, 21.490, 296.634



82, 17.843, 313.601



44, 6.914, 296.021



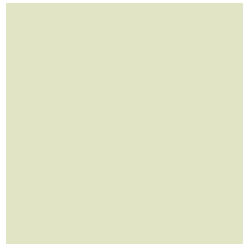
22, 101.592, 306.775



3, 33.934, 299.858

Previews

White Background



This preview shows how the CIELCh color 90, 16.086, 114.194 looks on a white background.

Color Contrast Check

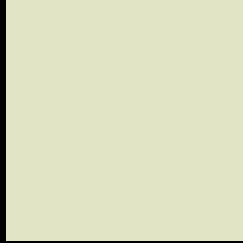
Large Text (above 18pt) WCAG AA × Fail

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 90, 16.086, 114.194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

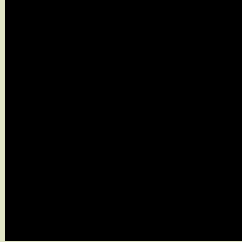
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

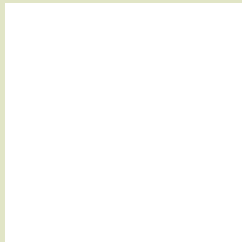
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 16.086, 114.194

Background



This preview shows how black text looks on a background with the CIELCh color 90, 16.086, 114.194.



This preview shows how white text looks on a background with the CIELCh color 90, 16.086, 114.194.

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

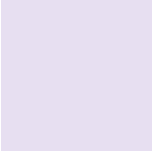
90, 16.086, 114.194

Protanopia

90, 16.053, 93.864

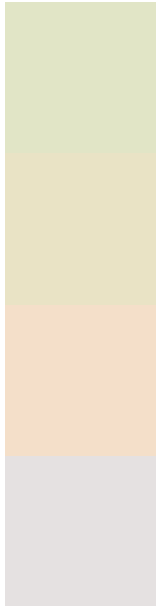
Deuteranopia

90, 16.024, 51.128



Tritanopia
90, 9.816, 307.447

Trichromacy



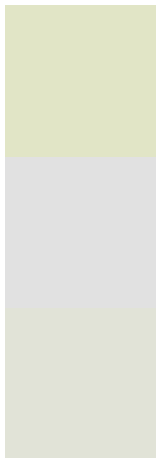
Original Color
90, 16.086, 114.194

Protanomaly
90, 15.659, 100.599

Deuteranomaly
90, 13.894, 74.437

Tritanomaly
90, 1.435, 19.086

Monochromacy



Original Color
90, 16.086, 114.194

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 6.260, 116.327

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 16.086, 114.194 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(225, 229, 198)` looks like.

```
.text, #text, p{  
    color:rgb(225, 229, 198)  
}
```

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(225, 229, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 229, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 16.086, 114.194 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(225, 229, 198) }
```

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

```
.border{ border-color:rgb(225, 229, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 229, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 229, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 229, 198);  
box-shadow:4px 4px 4px 4px rgb(225, 229,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 16.086, 114.194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 229, 198) }
```

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

```
.background{ background-color: rgb(225,  
229, 198) }
```

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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