

Converting Colors

CIELCh(92, 36.679, 117.606)

Have a look what the booklet for
CIELCh(92, 36.679, 117.606)
contains.

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Color

CIELCh(92, 36.705, 117.599)

Conversions

Conversions Part 1

Format	Color
Hex	DFF0A9
RGB	223, 240, 169
RGB Percent	87%, 94%, 66%
CMY	0.1263, 0.0596, 0.3380
CMYK	0.07, 0.00, 0.30, 0.06
HSL	74°, 70%, 80%
HSV	74°, 30%, 94%
XYZ	68.6044, 80.7044, 49.3980
YIQ	226.8230, 12.6590, -25.6850

Conversions

Conversions Part 2

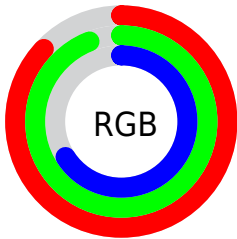
Format	Color
R_{YB}	169, 240, 186
Decimal	14676137
CIE _{Lab}	92.00, -17.00, 32.53
CIE _{LCh}	92, 36.705, 117.599
Y _{xy}	80.7044, 0.3453, 0.4061
Android (android.graphics.Color)	4292866217 (0xFFDFF0A9)
YUV	226.8230, -28.5067, -3.3528
Hunter-Lab	89.8356, -20.8980, 30.2831

Details

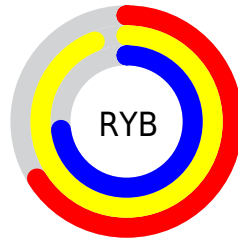
The CIELCh color **92, 36.705, 117.599** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **73, 39.140, 301.794**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 15.178, 109.030**, and **72, 36.818, 117.614** is the 20% darker color. If you saturate the color by 10%, you get **91, 48.697, 116.975**, and if you desaturate by 10%, it is **93, 24.425, 118.253**.

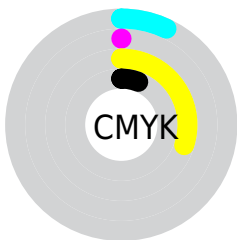
Distribution



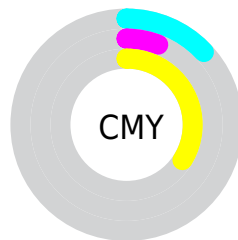
- Red (87%)
- Green (94%)
- Blue (66%)



- Red (66%)
- Yellow (94%)
- Blue (73%)



- Cyan (7%)
- Magenta (0%)
- Yellow (30%)
- Black (6%)





- Cyan (13%)
- Magenta (6%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 36.705, 117.599 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, 36.705, 117.599 by changing the saturation by 10% instead.


 92, 36.705,
117.599


 92, 36.705,
117.599


 100, 36.705,
117.599


 82, 36.705,
117.599

 72, 36.705,
117.599

 62, 36.705,
117.599

 52, 36.705,
117.599

 42, 36.705,
117.599

 32, 36.705,
117.599

 22, 36.705,

117.599

■ 12, 36.705,
117.599

■ 2, 36.705, 117.599

■ 92, 36.705,
117.599

■ 92, 36.705,
117.599

■ 91, 48.697,
116.975

■ 93, 24.425,
118.253

■ 91, 60.184,
116.409

■ 94, 11.990,
118.904

■ 90, 70.854,
115.959

■ 95, 0.504, 299.475

■ 89, 80.257,
115.703

■ 96, 8.112, 305.520

■ 96, 8.850, 318.145

■ 89, 87.828,
115.738

■ 96, 9.481, 324.739

■ 88, 93.038,
116.165

■ 88, 95.890,
116.999

■ 88, 95.985,
117.034

Harmonies

Complementary

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



92, 36.705, 117.599



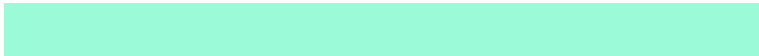
73, 39.140, 301.794

Rectangle

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



92, 36.705, 117.599



92, 36.705, 167.599



92, 36.705, 297.599



92, 36.705, 347.599

Sweetspot

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



92, 36.707, 117.602



99, 11.808, 118.941



80, 23.563, 42.632



53, 8.205, 118.847



0, 0.000, 0.000



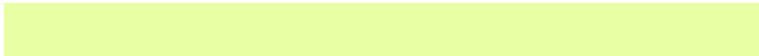
53, 0.007, 296.813

Same Dimension

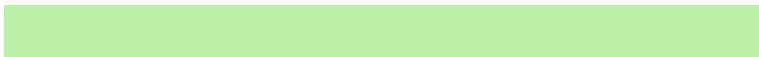
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 36.707, 117.602



97, 46.685, 117.189



90, 41.348, 135.315



50, 7.090, 118.912



69, 78.486, 116.822



21, 32.753, 116.044

Inverse Universe

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



73, 39.140, 301.794



72, 50.620, 302.423



76, 42.151, 318.060



46, 7.235, 300.140



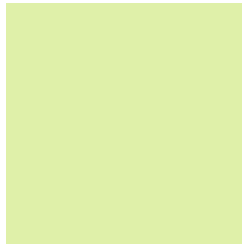
24, 102.431, 307.630



3, 38.538, 304.369

Previews

White Background



This preview shows how the CIELCh color 92, 36.705, 117.599 looks on a white background.

Color Contrast Check

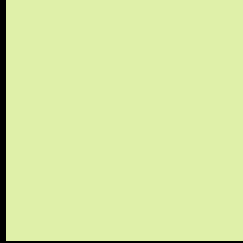
Large Text (above 18pt) WCAG AA × Fail

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, 36.705, 117.599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

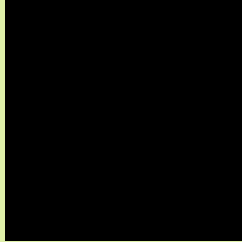
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 36.705, 117.599

Background



This preview shows how black text looks on a background with the CIELCh color 92, 36.705, 117.599.

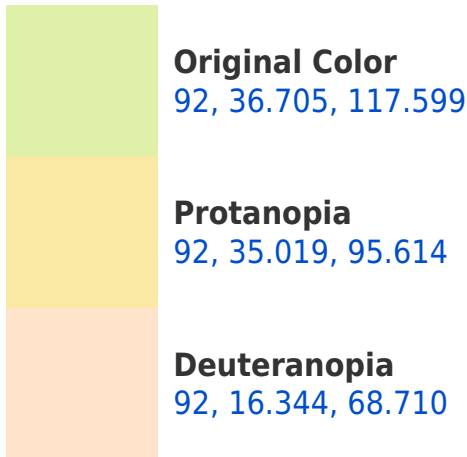


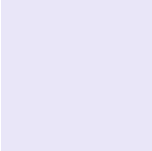
This preview shows how white text looks on a background with the CIELCh color 92, 36.705, 117.599.

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](#).

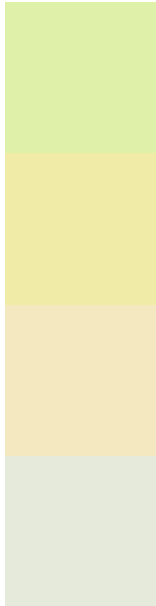
Dichromacy





Tritanopia
92, 9.397, 297.252

Trichromacy



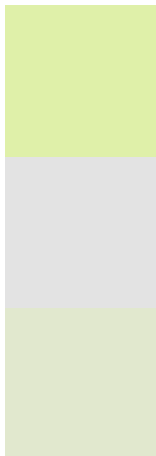
Original Color
92, 36.705, 117.599

Protanomaly
92, 35.230, 104.125

Deuteranomaly
92, 21.484, 97.182

Tritanomaly
92, 7.951, 122.711

Monochromacy



Original Color
92, 36.705, 117.599

Achromatopsia
90, 0.011, 296.813

Achromatomaly
91, 13.672, 119.967

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 36.705, 117.599 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(223, 240, 169)` looks like.

```
.text, #text, p{  
    color:rgb(223, 240, 169)  
}
```

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(223, 240, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 240, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 36.705, 117.599 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(223, 240, 169) }
```

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

```
.border{ border-color:rgb(223, 240, 169) }
```

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

Here you see how a box with a 4 pixel rgb(223, 240, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 240, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 240, 169);  
box-shadow:4px 4px 4px 4px rgb(223, 240,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 36.705, 117.599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 240, 169) }
```

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

```
.background{ background-color: rgb(223,  
240, 169) }
```

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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