

Converting Colors

CIELCh(92, 16.310, 120.669)

Have a look what the booklet for
CIELCh(92, 16.310, 120.669)
contains.

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Color

CIELCh(92, 16.297, 120.672)

Conversions

Conversions Part 1

Format	Color
Hex	E3ECCD
RGB	227, 236, 205
RGB Percent	89%, 93%, 80%
CMY	0.1099, 0.0746, 0.1962
CMYK	0.04, 0.00, 0.13, 0.07
HSL	77°, 45%, 86%
HSV	77°, 13%, 93%
XYZ	72.6704, 80.7044, 69.4852
YIQ	229.7750, 4.5870, -11.5490

Conversions

Conversions Part 2

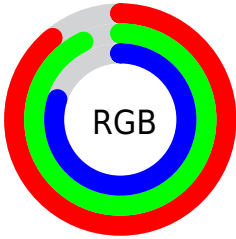
Format	Color
R _Y B	205, 236, 214
Decimal	14937293
CIE Lab	92.00, -8.31, 14.02
CIE LCh	92, 16.297, 120.672
Yxy	80.7044, 0.3261, 0.3621
Android (android.graphics.Color)	4293127373 (0xFFE3ECCD)
YUV	229.7750, -12.2141, -2.4337
Hunter-Lab	89.8356, -12.8189, 17.0259

Details

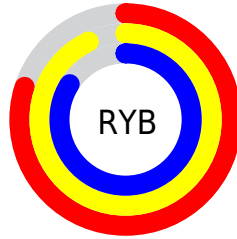
The CIELCh color **92, 16.297, 120.672** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **84, 16.724, 302.258**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 15.997, 119.942** is the 20% darker color. If you saturate the color by 10%, you get **91, 28.635, 120.074**, and if you desaturate by 10%, it is **93, 3.887, 121.274**.

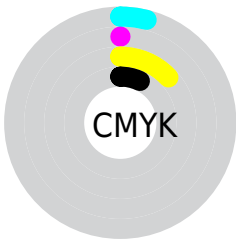
Distribution



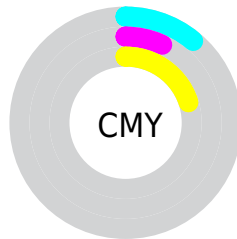
- Red (89%)
- Green (93%)
- Blue (80%)



- Red (80%)
- Yellow (93%)
- Blue (84%)



- Cyan (4%)
- Magenta (0%)
- Yellow (13%)
- Black (7%)





- Cyan (11%)
- Magenta (7%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 16.297, 120.672 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, 16.297, 120.672 by changing the saturation by 10% instead.


 92, 16.297,
120.672


 92, 16.297,
120.672


 100, 16.297,
120.672


 82, 16.297,
120.672


 72, 16.297,
120.672

 62, 16.297,
120.672

 52, 16.297,
120.672

 42, 16.297,
120.672

 32, 16.297,
120.672

 22, 16.297,

120.672

■ 12, 16.297,
120.672

■ 2, 16.297, 120.672

■ 92, 16.297,
120.672

■ 92, 16.297,
120.672

■ 91, 28.635,
120.074

■ 93, 3.887, 121.274

■ 90, 40.787,
119.478

■ 94, 8.527, 301.819

■ 89, 52.598,
118.916

■ 95, 10.629,
313.024

■ 89, 63.827,
118.434

■ 95, 11.752,
323.946

■ 95, 11.872,
324.828

■ 88, 74.124,
118.096

■ 87, 83.004,
117.995

■ 87, 89.900,
118.241

■ 86, 94.370,
118.934

■ 86, 96.240,
119.633

Harmonies

Complementary

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



92, 16.297, 120.672



84, 16.724, 302.258

Rectangle

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



92, 16.297, 120.672



92, 16.297, 170.672



92, 16.297, 300.672



92, 16.297, 350.672

Sweetspot

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



92, 16.299, 120.676



100, 5.280, 121.221



87, 9.474, 48.688



53, 3.754, 121.175



0, 0.000, 0.000



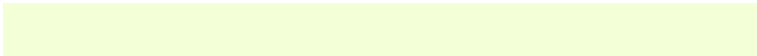
53, 0.007, 296.813

Same Dimension

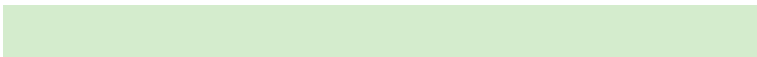
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 16.299, 120.676



98, 21.128, 120.500



91, 18.355, 137.706



49, 7.016, 120.896



68, 78.800, 119.392



20, 31.796, 118.688

Inverse Universe

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



84, 16.724, 302.258



88, 21.802, 302.462



85, 18.491, 318.876



45, 7.151, 302.013



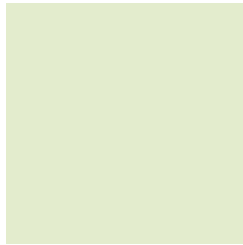
24, 100.559, 308.217



3, 36.608, 304.889

Previews

White Background



This preview shows how the CIELCh color 92, 16.297, 120.672 looks on a white background.

Color Contrast Check

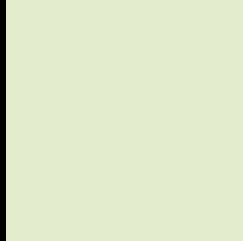
Large Text (above 18pt) WCAG AA × Fail

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, 16.297, 120.672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

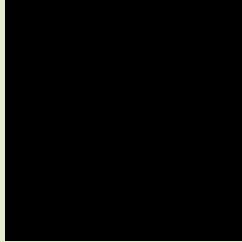
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

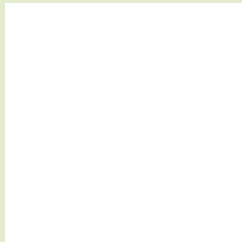
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 16.297, 120.672

Background



This preview shows how black text looks on a background with the CIELCh color 92, 16.297, 120.672.

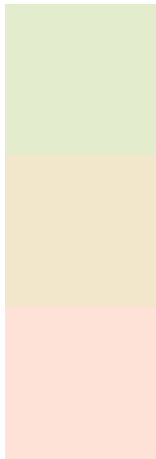


This preview shows how white text looks on a background with the CIELCh color 92, 16.297, 120.672.

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](#).

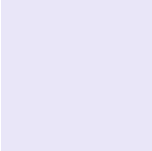
Dichromacy



Original Color
92, 16.297, 120.672

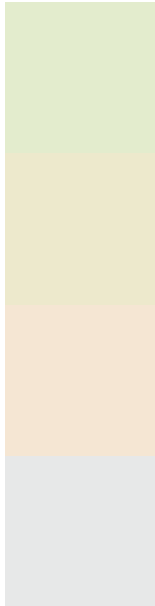
Protanopia
92, 15.100, 91.637

Deuteranopia
92, 12.197, 47.597



Tritanopia
92, 9.397, 297.252

Trichromacy



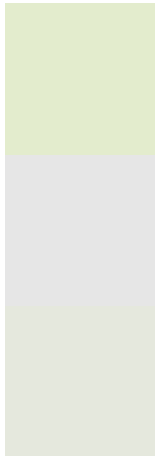
Original Color
92, 16.297, 120.672

Protanomaly
92, 14.985, 103.252

Deuteranomaly
92, 11.258, 79.703

Tritanomaly
92, 0.354, 201.126

Monochromacy



Original Color
92, 16.297, 120.672

Achromatopsia
91, 0.011, 296.813

Achromatomaly
92, 5.784, 120.499

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 16.297, 120.672 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(227, 236, 205)` looks like.

```
.text, #text, p{  
    color:rgb(227, 236, 205)  
}
```

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(227, 236, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 236, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 16.297, 120.672 is called "border". The border property can be set on classes, ids or directly on the HTML element.

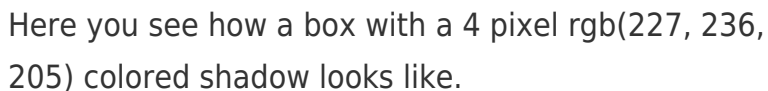
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 236, 205) }
```

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

```
.border{ border-color:rgb(227, 236, 205) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 236, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 236, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 236, 205);  
box-shadow:4px 4px 4px 4px rgb(227, 236,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 16.297, 120.672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 236, 205) }
```

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

```
.background{ background-color: rgb(227,  
236, 205) }
```

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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