

Converting Colors

CIELCh(92, 15.174, 303.688)

Have a look what the booklet for
CIELCh(92, 15.174, 303.688)
contains.

CIELCh(92, 14.373, 303.648)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(92, 14.373, 303.648)

Conversions

Conversions Part 1

Format	Color
Hex	EDE4FF
RGB	237, 228, 255
RGB Percent	93%, 89%, 100%
CMY	0.0706, 0.1059, 0.0000
CMYK	0.07, 0.11, 0.00, 0.00
HSL	260°, 100%, 95%
HSV	260°, 11%, 100%
XYZ	80.7117, 80.7044, 105.9243
YIQ	233.7690, -3.3030, 10.3050

Conversions

Conversions Part 2

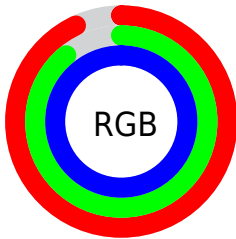
Format	Color
R_{YB}	237, 228, 255
Decimal	15590655
CIE Lab	92.00, 7.96, -11.96
CIE LCh	92, 14.373, 303.648
Yxy	80.7044, 0.3019, 0.3019
Android (android.graphics.Color)	4293780735 (0xFFE44FF)
YUV	233.7690, 10.4669, 2.8336
Hunter-Lab	89.8356, 3.1587, -7.0233

Details

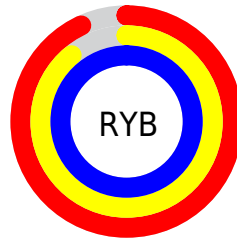
The CIELCh color `92, 14.373, 303.648` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `99, 14.085, 122.472`, and the grayscale version is `93, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `72, 13.975, 303.284` is the 20% darker color. If you saturate the color by 10%, you get `84, 28.428, 304.299`, and if you desaturate by 10%, it is `100, 0.794, 302.985`.

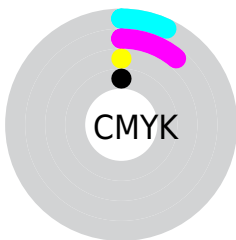
Distribution



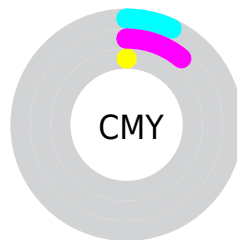
- Red (93%)
- Green (89%)
- Blue (100%)



- Red (93%)
- Yellow (89%)
- Blue (100%)



- Cyan (7%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 14.373, 303.648 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, 14.373, 303.648 by changing the saturation by 10% instead.


 92, 14.373,
303.648


 92, 14.373,
303.648


 100, 14.373,
303.648

 82, 14.373,
303.648


 72, 14.373,
303.648

 62, 14.373,
303.648

 52, 14.373,
303.648

 42, 14.373,
303.648

 32, 14.373,
303.648

 22, 14.373,

303.648

■ 12, 14.373,
303.648

■ 2, 14.373, 303.648

■ 92, 14.373,
303.648

■ 92, 14.373,
303.648

■ 84, 28.428,
304.299

■ 100, 0.794,
302.985

■ 77, 42.948,
305.028

■ 100, 0.008,
299.574

■ 69, 57.863,
305.826

■ 62, 73.009,
306.670

■ 55, 88.046,
307.510

■ 49, 102.335,
308.260

■ 43, 114.829,
308.783

■ 39, 124.151,
308.903

■ 36, 129.401,
308.596

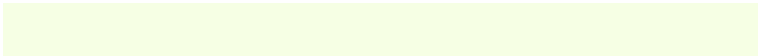
Harmonies

Complementary

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



92, 14.373, 303.648



99, 14.085, 122.472

Rectangle

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



92, 14.373, 303.648



92, 14.373, 353.648



92, 14.373, 123.648



92, 14.373, 173.648

Sweetspot

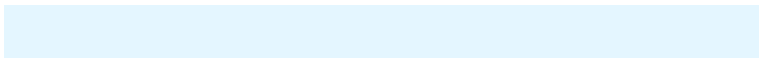
The Sweet Spot groups the original color and five complimentary colors.



92, 14.371, 303.645



98, 4.026, 303.190



96, 7.571, 234.596



52, 3.054, 303.238



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, 14.371, 303.645



90, 17.719, 303.796



93, 15.980, 319.770



49, 7.703, 303.579



26, 104.009, 308.761



5, 44.810, 308.504

Inverse Universe

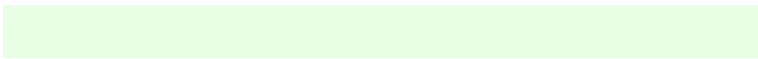
The Inverse Universe completely reimagines the original color for something new.



93, 13.360, 336.388



92, 16.435, 336.574



98, 15.893, 138.817



50, 7.168, 336.304



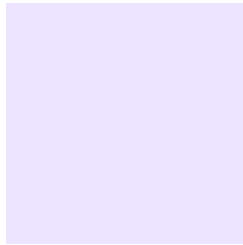
42, 72.823, 347.471



11, 34.339, 344.436

Previews

White Background



This preview shows how the CIE LCh color 92, 14.373, 303.648 looks on a white background.

Color Contrast Check

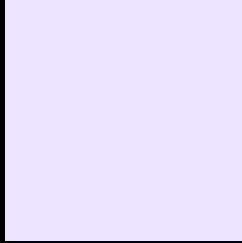
Large Text (above 18pt) WCAG AA × Fail

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, 14.373, 303.648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

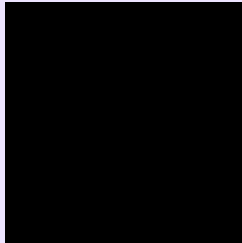
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 14.373, 303.648

Background



This preview shows how black text looks on a background with the CIELCh color 92, 14.373, 303.648.

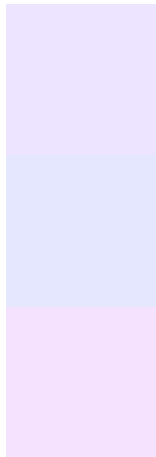


This preview shows how white text looks on a background with the CIELCh color 92, 14.373, 303.648.

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, 14.373, 303.648

Protanopia

92, 12.427, 288.033

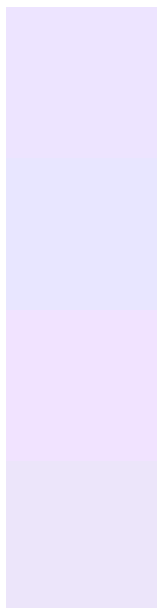
Deuteranopia

92, 16.329, 313.640



Tritanopia
92, 9.672, 305.460

Trichromacy



Original Color
92, 14.373, 303.648

Protanomaly
92, 12.975, 294.213

Deuteranomaly
92, 15.349, 309.559

Tritanomaly
92, 11.179, 303.515

Monochromacy



Original Color
92, 14.373, 303.648

Achromatopsia
93, 0.011, 296.813

Achromatomaly
92, 5.296, 302.030

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 14.373, 303.648 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(237, 228, 255)` looks like.

```
.text, #text, p{  
    color:rgb(237, 228, 255)  
}
```

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(237, 228, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 228, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 14.373, 303.648 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(237, 228, 255) }
```

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

```
.border{ border-color:rgb(237, 228, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 228, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 228, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 228, 255);  
box-shadow:4px 4px 4px 4px rgb(237, 228,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 14.373, 303.648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 228, 255) }
```

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

```
.background{ background-color: rgb(237,  
228, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor