

Converting Colors

CIELCh(92, 12.584, 293.368)

Have a look what the booklet for
CIELCh(92, 12.584, 293.368)
contains.

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Color

CIELCh(92, 12.439, 292.736)

Conversions

Conversions Part 1

Format	Color
Hex	E7E6FE
RGB	231, 230, 254
RGB Percent	91%, 90%, 100%
CMY	0.0943, 0.0982, 0.0041
CMYK	0.09, 0.09, 0.00, 0.00
HSL	242°, 92%, 95%
HSV	242°, 9%, 100%
XYZ	79.1083, 80.7044, 105.1366
YIQ	233.0350, -7.1080, 7.6760

Conversions

Conversions Part 2

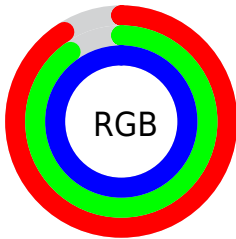
Format	Color
R _Y B	231, 230, 254
Decimal	15197950
CIE Lab	92.00, 4.81, -11.47
CIE LCh	92, 12.439, 292.736
Yxy	80.7044, 0.2986, 0.3046
Android (android.graphics.Color)	4293388030 (0xFFE7E6FE)
YUV	233.0350, 10.3357, -1.7847
Hunter-Lab	89.8356, -0.0272, -6.5034

Details

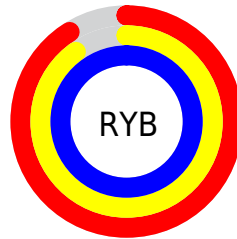
The CIELCh color `92, 12.439, 292.736` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `99, 12.163, 110.956`, and the grayscale version is `92, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `72, 11.988, 291.343` is the 20% darker color. If you saturate the color by 10%, you get `84, 26.123, 293.862`, and if you desaturate by 10%, it is `100, 0.518, 109.990`.

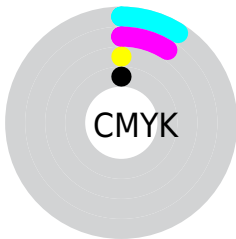
Distribution



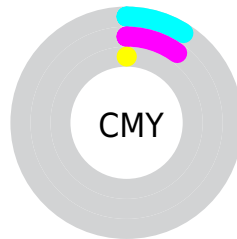
- Red (91%)
- Green (90%)
- Blue (100%)



- Red (91%)
- Yellow (90%)
- Blue (100%)



- Cyan (9%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)





- Cyan (9%)
- Magenta (10%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 12.439, 292.736 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, 12.439, 292.736 by changing the saturation by 10% instead.


 92, 12.439,
292.736


 92, 12.439,
292.736


 100, 12.439,
292.736


 82, 12.439,
292.736

 72, 12.439,
292.736

 62, 12.439,
292.736

 52, 12.439,
292.736

 42, 12.439,
292.736

 32, 12.439,
292.736

 22, 12.439,

292.736

■ 12, 12.439,
292.736

■ 2, 12.439, 292.736

■ 92, 12.439,
292.736

■ 92, 12.439,
292.736

■ 84, 26.123,
293.862

100, 0.518,
109.990

■ 76, 40.399,
295.191

■ 68, 55.286,
296.740

■ 60, 70.750,
298.510

■ 52, 86.596,
300.462

■ 45, 102.263,
302.476

■ 39, 116.505,
304.320

■ 35, 127.275,
305.671

■ 32, 132.980,
306.336

Harmonies

Complementary

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



92, 12.439, 292.736



99, 12.163, 110.956

Rectangle

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



92, 12.439, 292.736



92, 12.439, 342.736



92, 12.439, 112.736



92, 12.439, 162.736

Sweetspot

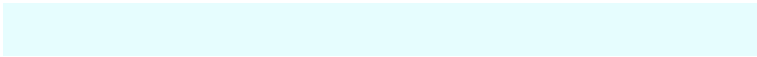
The Sweet Spot groups the original color and five complimentary colors.



92, 12.437, 292.731



98, 3.919, 292.103



98, 7.921, 201.950



52, 2.974, 292.176



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, 12.437, 292.731



91, 14.572, 292.895



93, 13.226, 310.628



49, 7.510, 292.737



23, 107.574, 306.404



3, 44.228, 302.597

Inverse Universe

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



94, 14.583, 326.081



93, 17.049, 326.172



98, 13.058, 129.824



50, 8.805, 326.084



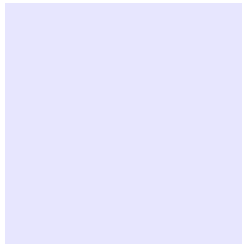
45, 90.094, 329.959



12, 41.611, 329.743

Previews

White Background



This preview shows how the CIE LCh color 92, 12.439, 292.736 looks on a white background.

Color Contrast Check

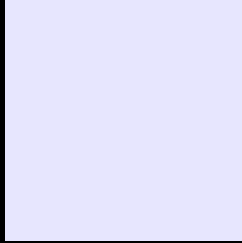
Large Text (above 18pt) WCAG AA × Fail

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, 12.439, 292.736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

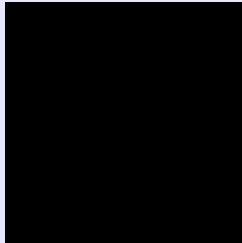
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 12.439, 292.736

Background



This preview shows how black text looks on a background with the CIELCh color 92, 12.439, 292.736.



This preview shows how white text looks on a background with the CIELCh color 92, 12.439, 292.736.

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, 12.439, 292.736

Protanopia

92, 12.430, 291.167

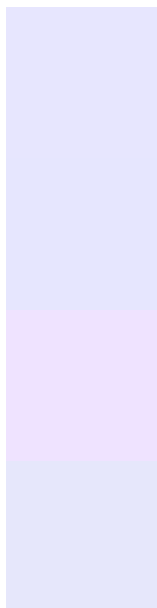
Deuteranopia

92, 16.329, 313.640



Tritanopia
92, 9.319, 288.810

Trichromacy



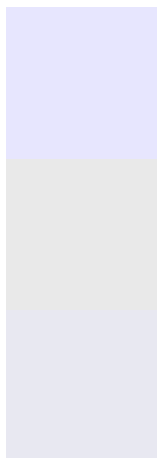
Original Color
92, 12.439, 292.736

Protanomaly
92, 12.430, 291.167

Deuteranomaly
92, 15.144, 307.072

Tritanomaly
92, 10.352, 289.109

Monochromacy



Original Color
92, 12.439, 292.736

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 4.660, 290.563

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 12.439, 292.736 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(231, 230, 254)` looks like.

```
.text, #text, p{  
    color:rgb(231, 230, 254)  
}
```

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(231, 230, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 230, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 12.439, 292.736 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(231, 230, 254) }
```

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

```
.border{ border-color:rgb(231, 230, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 230, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 230, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 230, 254); box-shadow:4px 4px 4px 4px rgb(231, 230, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 12.439, 292.736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 230, 254) }
```

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

```
.background{ background-color: rgb(231,  
230, 254) }
```

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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