

Converting Colors

CIELCh(92, 14.591, 299.253)

Have a look what the booklet for
CIELCh(92, 14.591, 299.253)
contains.

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Color

CIELCh(92, 13.656, 299.871)

Conversions

Conversions Part 1

Format	Color
Hex	EBE5FF
RGB	235, 229, 255
RGB Percent	92%, 90%, 100%
CMY	0.0795, 0.1030, 0.0011
CMYK	0.08, 0.10, 0.00, 0.00
HSL	254°, 98%, 95%
HSV	254°, 10%, 100%
XYZ	80.1186, 80.7044, 105.7270
YIQ	233.7580, -4.7700, 9.3580

Conversions

Conversions Part 2

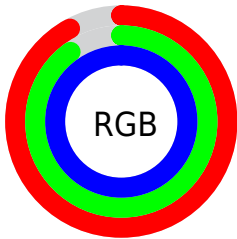
Format	Color
R_{YB}	235, 229, 255
Decimal	15459839
CIE _{Lab}	92.00, 6.80, -11.84
CIE _{LCh}	92, 13.656, 299.871
Yxy	80.7044, 0.3006, 0.3028
Android (android.graphics.Color)	4293649919 (0xFFE55FF)
YUV	233.7580, 10.4723, 1.0892
Hunter-Lab	89.8356, 1.9803, -6.8931

Details

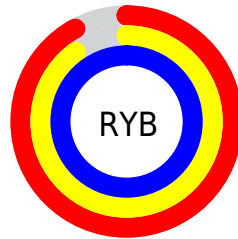
The CIELCh color `92, 13.656, 299.871` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `99, 13.360, 118.513`, and the grayscale version is `92, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `72, 13.233, 299.177` is the 20% darker color. If you saturate the color by 10%, you get `84, 27.546, 300.659`, and if you desaturate by 10%, it is `100, 0.279, 299.085`.

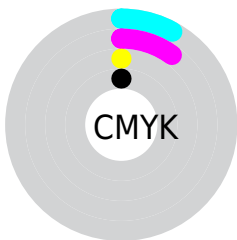
Distribution



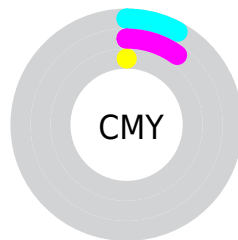
- Red (92%)
- Green (90%)
- Blue (100%)



- Red (92%)
- Yellow (90%)
- Blue (100%)



- Cyan (8%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)





- Cyan (8%)
- Magenta (10%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 13.656, 299.871 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, 13.656, 299.871 by changing the saturation by 10% instead.


 92, 13.656,
299.871


 92, 13.656,
299.871


 100, 13.656,
299.871


 82, 13.656,
299.871


 72, 13.656,
299.871

 62, 13.656,
299.871

 52, 13.656,
299.871

 42, 13.656,
299.871

 32, 13.656,
299.871

 22, 13.656,

299.871

■ 12, 13.656,
299.871

■ 2, 13.656, 299.871

■ 92, 13.656,
299.871

■ 92, 13.656,
299.871

■ 84, 27.546,
300.659

■ 100, 0.279,
299.085

■ 76, 41.961,
301.562

■ 100, 0.129,
109.571

■ 69, 56.870,
302.578

■ 61, 72.158,
303.691

■ 54, 87.541,
304.856

■ 47, 102.415,
305.979

■ 41, 115.673,
306.899

■ 37, 125.708,
307.401

■ 34, 131.432,
307.394

Harmonies

Complementary

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



92, 13.656, 299.871



99, 13.360, 118.513

Rectangle

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



92, 13.656, 299.871



92, 13.656, 349.871



92, 13.656, 119.871



92, 13.656, 169.871

Sweetspot

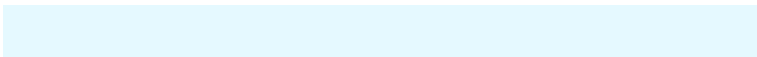
The Sweet Spot groups the original color and five complimentary colors.



92, 13.654, 299.867



98, 3.972, 299.359



97, 7.449, 221.896



52, 3.013, 299.414



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, 13.654, 299.867



91, 16.125, 300.002



93, 14.971, 316.677



49, 7.605, 299.816



25, 105.757, 307.520



4, 44.619, 306.168

Inverse Universe

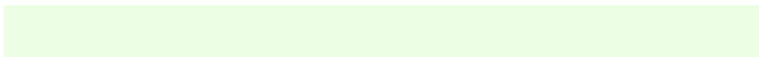
The Inverse Universe completely reimagines the original color for something new.



93, 13.836, 332.255



92, 16.306, 332.378



98, 14.850, 135.825



50, 7.713, 332.207



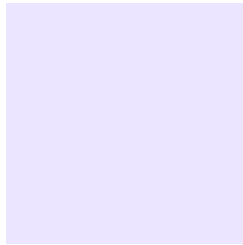
43, 77.911, 340.118



11, 36.577, 338.365

Previews

White Background



This preview shows how the CIE LCh color 92, 13.656, 299.871 looks on a white background.

Color Contrast Check

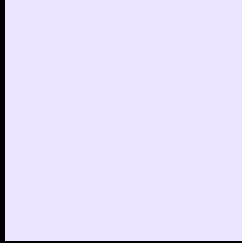
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 92, 13.656, 299.871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

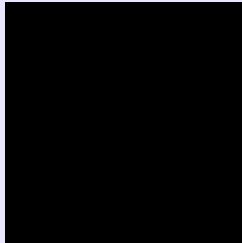
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 13.656, 299.871

Background



This preview shows how black text looks on a background with the CIELCh color 92, 13.656, 299.871.



This preview shows how white text looks on a background with the CIELCh color 92, 13.656, 299.871.

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, 13.656, 299.871

Protanopia

92, 12.946, 289.706

Deuteranopia

92, 16.329, 313.640



Tritanopia
92, 9.445, 299.338

Trichromacy



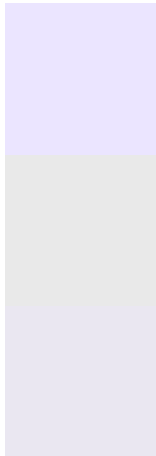
Original Color
92, 13.656, 299.871

Protanomaly
92, 12.956, 292.710

Deuteranomaly
92, 15.349, 309.559

Tritanomaly
92, 10.470, 298.562

Monochromacy



Original Color
92, 13.656, 299.871

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 5.300, 302.031

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 13.656, 299.871 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(235, 229, 255)` looks like.

```
.text, #text, p{  
    color:rgb(235, 229, 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(235, 229, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 229, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 13.656, 299.871 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(235, 229, 255) }
```

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

```
.border{ border-color:rgb(235, 229, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 229, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 229, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 229, 255);  
box-shadow:4px 4px 4px 4px rgb(235, 229,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 13.656, 299.871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 229, 255) }
```

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

```
.background{ background-color: rgb(235,  
229, 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](#).

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