

Converting Colors

CIELCh(94, 45.205, 298.173)

Have a look what the booklet for
CIELCh(94, 45.205, 298.173)
contains.

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Color

CIElCh(92, 15.144, 307.072)

Conversions

Conversions Part 1

Format	Color
Hex	EFE3FF
RGB	239, 227, 255
RGB Percent	94%, 89%, 100%
CMY	0.0618, 0.1088, 0.0000
CMYK	0.06, 0.11, 0.00, 0.00
HSL	266°, 100%, 95%
HSV	266°, 11%, 100%
XYZ	81.3090, 80.7044, 106.1139
YIQ	233.7800, -1.8360, 11.2520

Conversions

Conversions Part 2

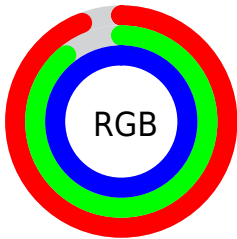
Format	Color
R _Y B	239, 227, 255
Decimal	15721471
CIE Lab	92.00, 9.13, -12.08
CIE LCh	92, 15.144, 307.072
Yxy	80.7044, 0.3032, 0.3010
Android (android.graphics.Color)	4293911551 (0xFFEFE3FF)
YUV	233.7800, 10.4615, 4.5779
Hunter-Lab	89.8356, 4.3456, -7.1484

Details

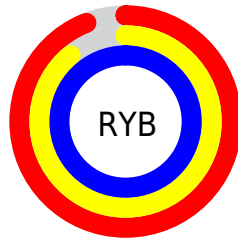
The CIELCh color `92, 15.144, 307.072` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `98, 14.753, 126.163`, and the grayscale version is `93, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `72, 14.779, 306.984` is the 20% darker color. If you saturate the color by 10%, you get `85, 29.258, 307.757`, and if you desaturate by 10%, it is `99, 1.207, 306.622`.

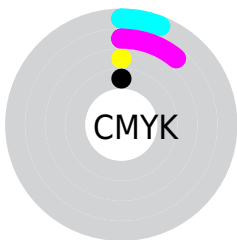
Distribution



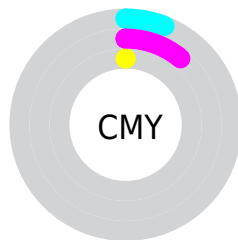
- Red (94%)
- Green (89%)
- Blue (100%)



- Red (94%)
- Yellow (89%)
- Blue (100%)



- Cyan (6%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (11%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 15.144, 307.072 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, 15.144, 307.072 by changing the saturation by 10% instead.


 92, 15.144,
307.072


 92, 15.144,
307.072


 100, 15.144,
307.072


 82, 15.144,
307.072

 72, 15.144,
307.072

 62, 15.144,
307.072

 52, 15.144,
307.072

 42, 15.144,
307.072

 32, 15.144,
307.072

 22, 15.144,

307.072

■ 12, 15.144,
307.072

■ 2, 15.144, 307.072

■ 92, 15.144,
307.072

■ 92, 15.144,
307.072

■ 85, 29.258,
307.757

■ 99, 1.207, 306.622

■ 77, 43.891,
308.358

100, 0.012,
296.813

■ 70, 58.805,
308.993

■ 63, 73.785,
309.634

■ 57, 88.432,
310.230

■ 51, 102.078,
310.700

■ 45, 113.736,
310.925

■ 41, 122.235,
310.766

■ 39, 126.886,
310.256

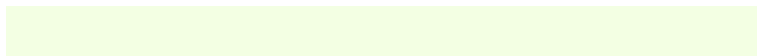
Harmonies

Complementary

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



92, 15.144, 307.072



98, 14.753, 126.163

Rectangle

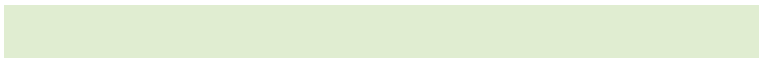
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 15.144, 307.072



92, 15.144, 357.072



92, 15.144, 127.072



92, 15.144, 177.072

Sweetspot

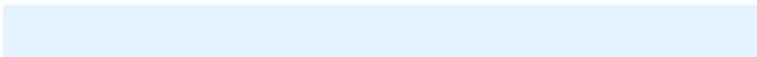
The Sweet Spot groups the original color and five complimentary colors.



92, 15.015, 307.204



98, 4.095, 306.789



95, 8.001, 247.252



52, 3.107, 306.833



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, 15.015, 307.204



90, 17.997, 307.317



93, 16.912, 322.707



49, 7.829, 307.131



28, 101.990, 310.445



5, 44.917, 311.047

Inverse Universe

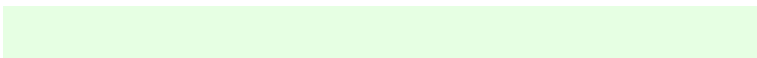
The Inverse Universe completely reimagines the original color for something new.



93, 12.810, 341.013



92, 15.335, 341.197



98, 16.860, 141.611



50, 6.684, 340.894



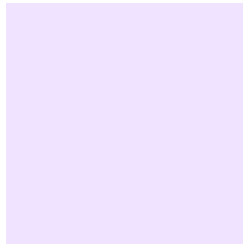
42, 69.451, 355.844



11, 32.663, 351.313

Previews

White Background



This preview shows how the CIE LCh color 92, 15.144, 307.072 looks on a white background.

Color Contrast Check

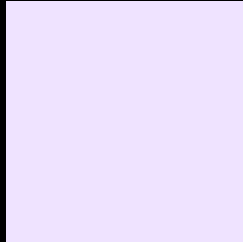
Large Text (above 18pt) WCAG AA × Fail

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, 15.144, 307.072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

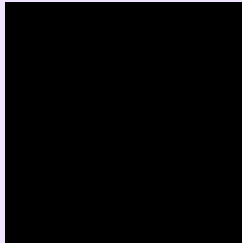
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 15.144, 307.072

Background



This preview shows how black text looks on a background with the CIELCh color 92, 15.144, 307.072.



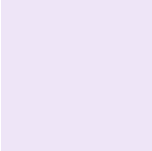
This preview shows how white text looks on a background with the CIELCh color 92, 15.144, 307.072.

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, 15.144, 307.072
	Protanopia 92, 12.427, 288.033
	Deuteranopia 92, 16.329, 313.640



Tritanopia
92, 9.876, 309.380

Trichromacy



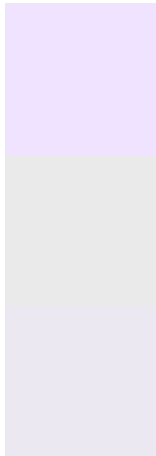
Original Color
92, 15.144, 307.072

Protanomaly
92, 13.002, 295.714

Deuteranomaly
92, 16.077, 311.342

Tritanomaly
92, 11.961, 307.871

Monochromacy



Original Color
92, 15.144, 307.072

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 5.380, 305.687

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 15.144, 307.072 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(239, 227, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 227, 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(239, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 227, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 15.144, 307.072 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(239, 227, 255) }
```

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

```
.border{ border-color:rgb(239, 227, 255) }
```

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

Here you see how a box with a 4 pixel rgb(239, 227, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 227, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 227, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 227,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 15.144, 307.072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 227, 255) }
```

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

```
.background{ background-color: rgb(239,  
227, 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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