

Converting Colors

CIELCh(92, 8.499, 302.639)

Have a look what the booklet for
CIELCh(92, 8.499, 302.639) contains.

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Color

CIELCh(92, 8.492, 302.637)

Conversions

Conversions Part 1

Format	Color
Hex	EBE6F6
RGB	235, 230, 246
RGB Percent	92%, 90%, 96%
CMY	0.0794, 0.0990, 0.0363
CMYK	0.04, 0.07, 0.00, 0.04
HSL	259°, 46%, 93%
HSV	259°, 7%, 96%
XYZ	78.9935, 80.7044, 98.3913
YIQ	233.3190, -2.1560, 6.0360

Conversions

Conversions Part 2

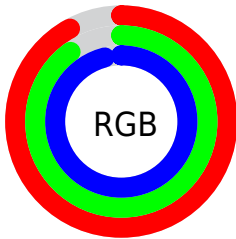
Format	Color
RYB	235, 230, 246
Decimal	15460086
CIELab	92.00, 4.58, -7.15
CIELCh	92, 8.492, 302.637
Yxy	80.7044, 0.3061, 0.3127
Android (android.graphics.Color)	4293650166 (0xFFE6E6F6)
YUV	233.3190, 6.2517, 1.4742
Hunter-Lab	89.8356, -0.2554, -2.0517

Details

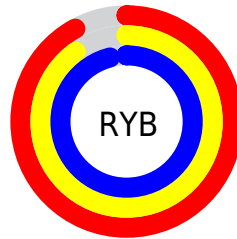
The CIELCh color `92, 8.492, 302.637` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `96, 8.371, 121.908`, and the grayscale version is `92, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `72, 8.324, 301.027` is the 20% darker color. If you saturate the color by 10%, you get `85, 21.907, 303.277`, and if you desaturate by 10%, it is `99, 4.457, 122.091`.

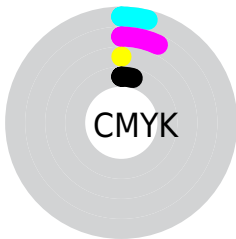
Distribution



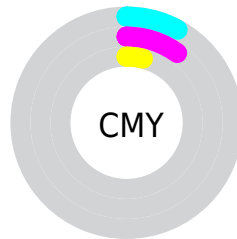
- Red (92%)
- Green (90%)
- Blue (96%)



- Red (92%)
- Yellow (90%)
- Blue (96%)



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



- Cyan (8%)
- Magenta (10%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 8.492, 302.637 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, 8.492, 302.637 by changing the saturation by 10% instead.

92, 8.492, 302.637

92, 8.492, 302.637

100, 8.492,
302.637

82, 8.492, 302.637

72, 8.492, 302.637

62, 8.492, 302.637

52, 8.492, 302.637

42, 8.492, 302.637

32, 8.492, 302.637

22, 8.492, 302.637

12, 8.492, 302.637

2, 8.492, 302.637

92, 8.492, 302.637

92, 8.492, 302.637

85, 21.907,
303.277

99, 4.457, 122.091

77, 35.795,
304.004

100, 4.685,
109.811

70, 50.117,
304.811

63, 64.771,
305.684

56, 79.520,
306.588

49, 93.889,
307.454

43, 107.037,
308.162

39, 117.699,
308.544

■ 35,124.532,
308.427

Harmonies

Complementary

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



92, 8.492, 302.637



96, 8.371, 121.908

Rectangle

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



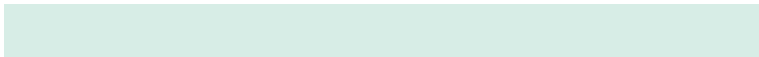
92, 8.492, 302.637



92, 8.492, 352.637



92, 8.492, 122.637



92, 8.492, 172.637

Sweetspot

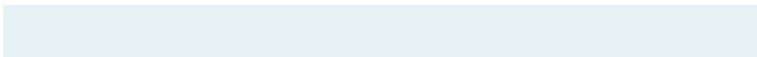
The Sweet Spot groups the original color and five complimentary colors.



92, 8.490, 302.631



98, 2.675, 302.352



94, 4.556, 232.160



53, 1.521, 302.346



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, 8.490, 302.631



94, 10.780, 302.724



93, 9.455, 319.074



47, 7.427, 302.816



25, 102.296, 308.485



4, 40.887, 307.002

Inverse Universe

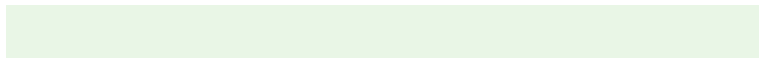
The Inverse Universe completely reimagines the original color for something new.



93, 8.063, 335.189



95, 10.226, 335.305



95, 9.408, 138.540



48, 7.036, 335.416



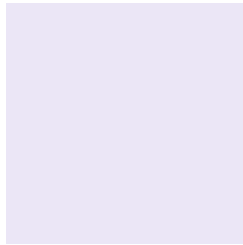
41, 72.300, 345.817



10, 33.017, 342.813

Previews

White Background



This preview shows how the CIELCh color 92, 8.492, 302.637 looks on a white background.

Color Contrast Check

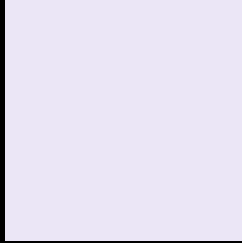
Large Text (above 18pt) WCAG AA × Fail

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, 8.492, 302.637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

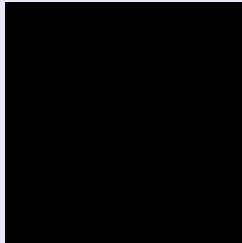
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

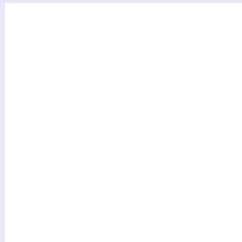
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 8.492, 302.637

Background



This preview shows how black text looks on a background with the CIELCh color 92, 8.492, 302.637.

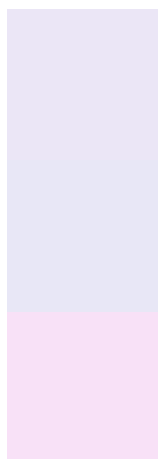


This preview shows how white text looks on a background with the CIELCh color 92, 8.492, 302.637.

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, 8.492, 302.637

Protanopia

92, 7.779, 293.353

Deuteranopia

92, 14.022, 326.124



Tritanopia
92, 10.092, 302.829

Trichromacy



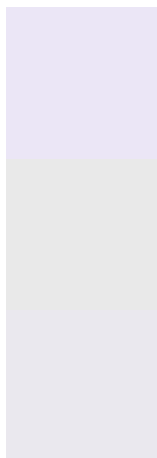
Original Color
92, 8.492, 302.637

Protanomaly
92, 7.807, 295.895

Deuteranomaly
92, 11.829, 319.150

Tritanomaly
92, 9.587, 303.448

Monochromacy



Original Color
92, 8.492, 302.637

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 3.198, 303.163

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 8.492, 302.637 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, 230, 246)` looks like.

```
.text, #text, p{  
    color:rgb(235, 230, 246)  
}
```

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, 230, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 230, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 8.492, 302.637 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, 230, 246) }
```

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

```
.border{ border-color:rgb(235, 230, 246) }
```

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

Here you see how a box with a 4 pixel rgb(235, 230, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 230, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 230, 246);  
box-shadow:4px 4px 4px 4px rgb(235, 230,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 8.492, 302.637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 230, 246) }
```

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

```
.background{ background-color: rgb(235,  
230, 246) }
```

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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