

Converting Colors

CIELCh(92, 8.829, 313.211)

Have a look what the booklet for
CIELCh(92, 8.829, 313.211) contains.

CIELCh(92, 8.422, 312.719)	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, 8.422, 312.719)

Conversions

Conversions Part 1

Format	Color
Hex	EEE5F4
RGB	238, 229, 244
RGB Percent	93%, 90%, 96%
CMY	0.0669, 0.1022, 0.0433
CMYK	0.02, 0.06, 0.00, 0.04
HSL	276°, 40%, 93%
HSV	276°, 6%, 96%
XYZ	79.5663, 80.7044, 96.9277
YIQ	233.4010, 0.5490, 6.5730

Conversions

Conversions Part 2

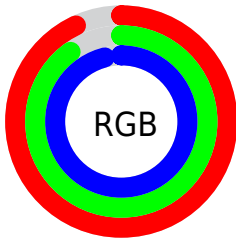
Format	Color
R_{YB}	238, 229, 244
Decimal	15656436
CIE Lab	92.00, 5.71, -6.19
CIE LCh	92, 8.422, 312.719
Yxy	80.7044, 0.3094, 0.3138
Android (android.graphics.Color)	4293846516 (0xFFEEE5F4)
YUV	233.4010, 5.2253, 4.0333
Hunter-Lab	89.8356, 0.8829, -1.0857

Details

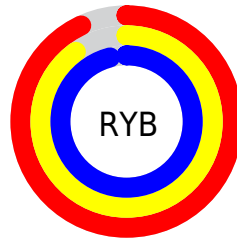
The CIELCh color **92, 8.422, 312.719** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 8.348, 132.244**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 8.212, 311.818** is the 20% darker color. If you saturate the color by 10%, you get **85, 22.386, 313.169**, and if you desaturate by 10%, it is **99, 5.187, 132.361**.

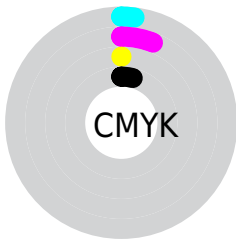
Distribution



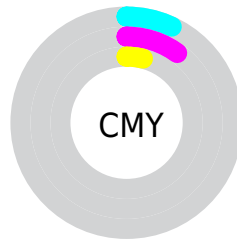
- Red (93%)
- Green (90%)
- Blue (96%)



- Red (93%)
- Yellow (90%)
- Blue (96%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (4%)



- Cyan (7%)
- Magenta (10%)
- Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 8.422, 312.719 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, 8.422, 312.719 by changing the saturation by 10% instead.

 92, 8.422, 312.719

 92, 8.422, 312.719

 100, 8.422,
312.719

 82, 8.422, 312.719

 72, 8.422, 312.719

 62, 8.422, 312.719

 52, 8.422, 312.719

 42, 8.422, 312.719

 32, 8.422, 312.719

 22, 8.422, 312.719

 12, 8.422, 312.719

 2, 8.422, 312.719

92, 8.422, 312.719

92, 8.422, 312.719

85, 22.386,
313.169

99, 5.187, 132.361

79, 36.642,
313.634

100, 5.594,
109.746

72, 51.056,
314.104

66, 65.398,
314.553

60, 79.294,
314.943

54, 92.177,
315.214

50, 103.281,
315.289

46, 111.738,
315.077

■ 43,116.898,
314.498

Harmonies

Complementary

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



92, 8.422, 312.719



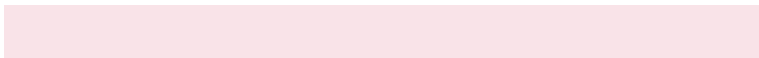
95, 8.348, 132.244

Rectangle

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



92, 8.422, 312.719



92, 8.422, 2.719



92, 8.422, 132.719



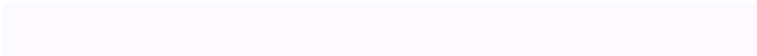
92, 8.422, 182.719

Sweetspot

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



92, 8.420, 312.716



99, 2.831, 312.499



93, 4.977, 264.749



53, 1.610, 312.492



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, 8.420, 312.716



95, 9.949, 312.755



92, 8.905, 327.089



48, 6.256, 312.782



32, 96.428, 314.400



6, 41.646, 315.478

Inverse Universe

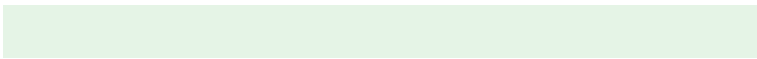
The Inverse Universe completely reimagines the original color for something new.



92, 6.213, 349.879



95, 7.344, 349.970



95, 8.883, 146.443



48, 4.619, 350.030



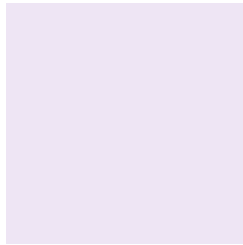
40, 66.950, 11.690



9, 29.666, 3.978

Previews

White Background



This preview shows how the CIELCh color 92, 8.422, 312.719 looks on a white background.

Color Contrast Check

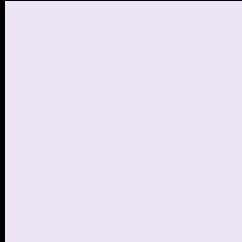
Large Text (above 18pt) WCAG AA × Fail

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, 8.422, 312.719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

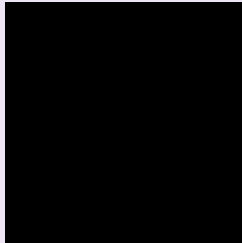
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

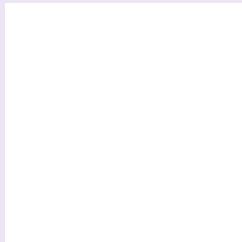
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 8.422, 312.719

Background



This preview shows how black text looks on a background with the CIELCh color 92, 8.422, 312.719.



This preview shows how white text looks on a background with the CIELCh color 92, 8.422, 312.719.

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, 8.422, 312.719

Protanopia

92, 7.263, 293.500

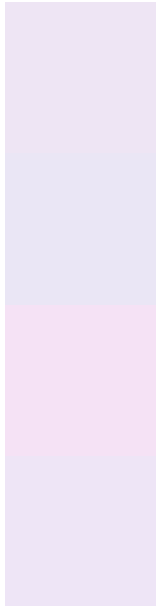
Deuteranopia

92, 13.422, 329.953



Tritanopia
92, 9.876, 309.380

Trichromacy



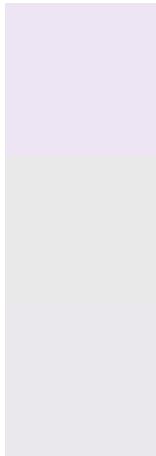
Original Color
92, 8.422, 312.719

Protanomaly
92, 7.914, 300.918

Deuteranomaly
92, 11.947, 324.844

Tritanomaly
92, 9.388, 310.374

Monochromacy



Original Color
92, 8.422, 312.719

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 2.814, 312.510

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 8.422, 312.719 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(238, 229, 244)` looks like.

```
.text, #text, p{  
    color:rgb(238, 229, 244)  
}
```

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(238, 229, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 229, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 8.422, 312.719 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(238, 229, 244) }
```

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

```
.border{ border-color:rgb(238, 229, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 229, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 229, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 229, 244);  
box-shadow:4px 4px 4px 4px rgb(238, 229,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 8.422, 312.719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 229, 244) }
```

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

```
.background{ background-color: rgb(238,  
229, 244) }
```

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