

# Converting Colors

CIELCh(92, 11.474, 308.697)

Have a look what the booklet for  
CIELCh(92, 11.474, 308.697)  
contains.

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# Color

**CIELCh(92, 11.467, 308.609)**

# Conversions

Conversions Part 1	
Format	Color
Hex	EEE4F9
RGB	238, 228, 249
RGB Percent	93%, 89%, 98%
CMY	0.0657, 0.1049, 0.0225
CMYK	0.04, 0.08, 0.00, 0.02
HSL	269°, 65%, 94%
HSV	269°, 8%, 98%
XYZ	80.2990, 80.7044, 101.1795
YIQ	233.3840, -0.7810, 8.6510

# Conversions

## Conversions Part 2

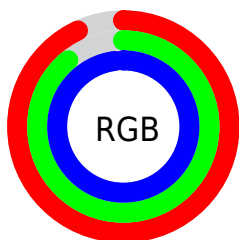
Format	Color
<a href="#">RYB</a>	<a href="#">238, 228, 249</a>
Decimal	<a href="#">15656185</a>
CIELab	<a href="#">92.00, 7.16, -8.96</a>
CIELCh	<a href="#">92, 11.467, 308.609</a>
Yxy	<a href="#">80.7044, 0.3063, 0.3078</a>
Android (android.graphics.Color)	<a href="#">4293846265</a> (0xFFEEE4F9)
YUV	<a href="#">233.3840, 7.6987, 4.0482</a>
Hunter-Lab	<a href="#">89.8356, 2.3386, -3.8918</a>

# Details

The CIELCh color 92, 11.467, 308.609 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97, 11.314, 127.859, 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, 11.429, 307.783 is the 20% darker color. If you saturate the color by 10%, you get 85, 25.438, 309.116, and if you desaturate by 10%, it is 99, 2.097, 128.223.

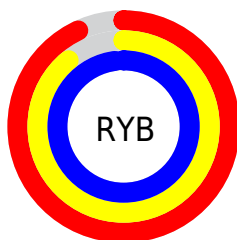
# Distribution



Red (93%)

Green (89%)

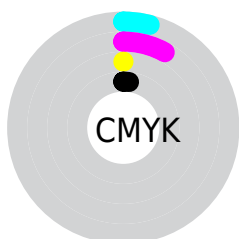
Blue (98%)



Red (93%)

Yellow (89%)

Blue (98%)

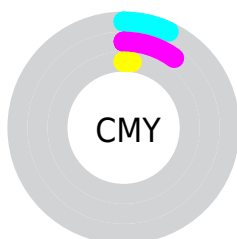


Cyan (4%)

Magenta (8%)

Yellow (0%)

Black (2%)



Cyan (7%)

Magenta (10%)


Yellow (2%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 11.467, 308.609 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, 11.467, 308.609 by changing the saturation by 10% instead.





 92, 11.467,  
308.609


 92, 11.467,  
308.609


 100, 11.467,  
308.609


 82, 11.467,  
308.609


 72, 11.467,  
308.609

 62, 11.467,  
308.609


 52, 11.467,  
308.609

 42, 11.467,  
308.609


 32, 11.467,  
308.609


 22, 11.467,


308.609

 12, 11.467,  
308.609


 2, 11.467, 308.609


 92, 11.467,  
308.609

 92, 11.467,  
308.609

 85, 25.438,  
309.116

 99, 2.097, 128.223

 78, 39.779,  
309.663

 100, 2.900,  
109.935

 71, 54.383,  
310.237

 64, 69.048,  
310.812

■ 58, 83.416,  
311.344

■ 52, 96.894,  
311.762

■ 47, 108.606,  
311.964

■ 42, 117.493,  
311.824

■ 40, 122.847,  
311.259

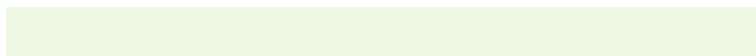
# Harmonies

# Complementary

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



92, 11.467, 308.609



97, 11.314, 127.859

# Rectangle

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



92, 11.467, 308.609



92, 11.467, 358.609



92, 11.467, 128.609



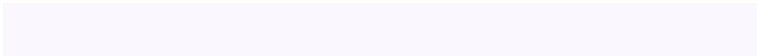
92, 11.467, 178.609

# Sweetspot

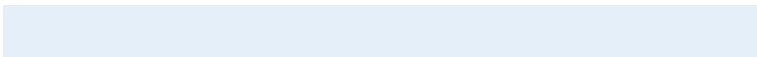
The Sweet Spot groups the original color and five complimentary colors.



92, 11.465, 308.606



98, 4.131, 308.332



94, 6.284, 252.856



52, 3.133, 308.375



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, 11.465, 308.606



93, 13.893, 308.685



93, 13.031, 323.975



48, 7.763, 308.659



29, 100.035, 311.351



5, 43.220, 311.999



# Inverse Universe

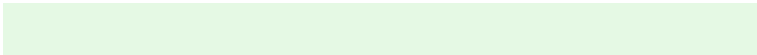
The Inverse Universe completely reimagines the original color for something new.



93, 9.424, 343.028



93, 11.415, 343.172



96, 13.003, 143.100



49, 6.380, 343.126



41, 67.887, 359.813

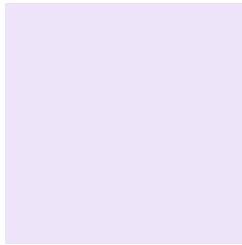


10, 31.308, 354.354



# Previews

## White Background



This preview shows how the CIELCh color 92, 11.467, 308.609 looks on a white background.

## Color Contrast Check

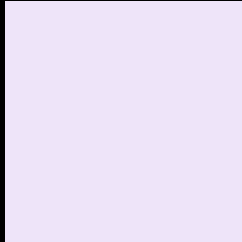
Large Text (above 18pt) WCAG AA × Fail

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, 11.467, 308.609 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

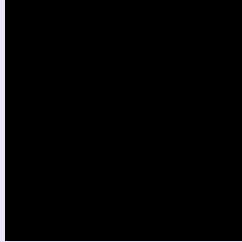
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

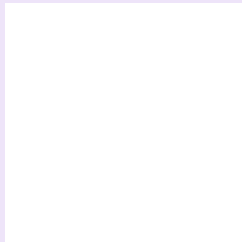
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**CIELCh 92, 11.467, 308.609**

## **Background**



This preview shows how black text looks on a background with the CIELCh color 92, 11.467, 308.609.



This preview shows how white text looks on a background with the CIELCh color 92, 11.467, 308.609.

# 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, 11.467, 308.609

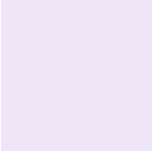
### Protanopia

92, 10.352, 291.003

### Deuteranopia

92, 14.946, 320.437





**Tritanopia**  
92, 9.876, 309.380

# Trichromacy

	<b>Original Color</b> 92, 11.467, 308.609
	<b>Protanomaly</b> 92, 10.470, 298.562
	<b>Deuteranomaly</b> 92, 13.834, 316.387
	<b>Tritanomaly</b> 92, 10.367, 308.484

# Monochromacy

	<b>Original Color</b> 92, 11.467, 308.609
	<b>Achromatopsia</b> 93, 0.011, 296.813
	<b>Achromatomaly</b> 93, 4.392, 309.184

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 92, 11.467, 308.609 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, 228, 249)` looks like.

```
.text, #text, p{  
    color:rgb(238, 228, 249)  
}
```

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, 228, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 228, 249) }
```

## Border

The CSS property to change the border of an element to CIELCh 92, 11.467, 308.609 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, 228, 249) }
```

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

```
.border{ border-color:rgb(238, 228, 249) }
```

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

Here you see how a box with a 4 pixel rgb(238, 228, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 228, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 228, 249);  
box-shadow:4px 4px 4px 4px rgb(238, 228,  
249) }
```

# Background

The CSS property to change the background color of an element to CIELCh 92, 11.467, 308.609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 228, 249) }
```

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

```
.background{ background-color: rgb(238,  
228, 249) }
```

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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