

Converting Colors

CIELCh(92, 2.675, 338.720)

Have a look what the booklet for
CIELCh(92, 2.675, 338.720) contains.

CIELCh(92, 2.379, 338.614)	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, 2.379, 338.614)

Conversions

Conversions Part 1

Format	Color
Hex	ECE7EA
RGB	236, 231, 234
RGB Percent	93%, 91%, 92%
CMY	0.0756, 0.0952, 0.0834
CMYK	0.00, 0.02, 0.01, 0.08
HSL	324°, 11%, 91%
HSV	324°, 2%, 92%
XYZ	77.8074, 80.7044, 89.1073
YIQ	232.8370, 2.0170, 1.9930

Conversions

Conversions Part 2

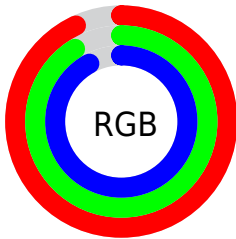
Format	Color
R _Y B	236, 231, 234
Decimal	15525866
CIE Lab	92.00, 2.22, -0.87
CIE LCh	92, 2.379, 338.614
Yxy	80.7044, 0.3142, 0.3259
Android (android.graphics.Color)	4293715946 (0xFFECE7EA)
YUV	232.8370, 0.5734, 2.7740
Hunter-Lab	89.8356, -2.6120, 4.0757

Details

The CIELCh color `92, 2.379, 338.614` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `93, 2.357, 158.667`, 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, 2.503, 338.699` is the 20% darker color. If you saturate the color by 10%, you get `86, 13.703, 339.548`, and if you desaturate by 10%, it is `98, 8.683, 158.138`.

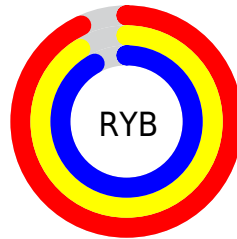
Distribution



Red (93%)

Green (91%)

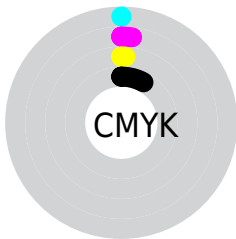
Blue (92%)



Red (93%)

Yellow (91%)

Blue (92%)

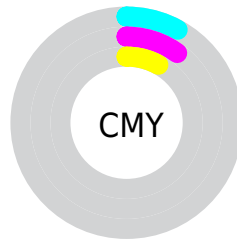


Cyan (0%)

Magenta (2%)

Yellow (1%)

Black (8%)



Cyan (8%)

Magenta (10%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 2.379, 338.614 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, 2.379, 338.614 by changing the saturation by 10% instead.

■ 92, 2.379, 338.614

■ 92, 2.379, 338.614

100, 2.379,
338.614

■ 82, 2.379, 338.614

■ 72, 2.379, 338.614

■ 62, 2.379, 338.614

■ 52, 2.379, 338.614

■ 42, 2.379, 338.614

■ 32, 2.379, 338.614

■ 22, 2.379, 338.614

■ 12, 2.379, 338.614

■ 2, 2.379, 338.614

92, 2.379, 338.614

92, 2.379, 338.614

86, 13.703,
339.548

98, 8.683, 158.138

80, 25.185,
340.404

99, 6.769, 188.619

74, 36.636,
341.336

99, 6.609, 199.087

69, 47.764,
342.371

64, 58.157,
343.547

60, 67.284,
344.916

57, 74.556,
346.557

54, 79.457,
348.575

■ 52, 81.758,
351.097

Harmonies

Complementary

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



92, 2.379, 338.614



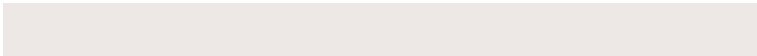
93, 2.357, 158.667

Rectangle

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



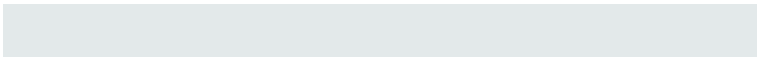
92, 2.379, 338.614



92, 2.379, 28.614



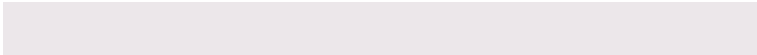
92, 2.379, 158.614



92, 2.379, 208.614

Sweetspot

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



92, 2.377, 338.628



99, 1.198, 338.350



92, 2.697, 305.569



53, 0.682, 338.327



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

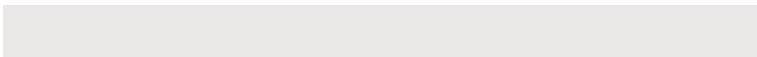
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 2.377, 338.628



98, 3.586, 338.747



92, 1.806, 10.983



48, 2.540, 338.831



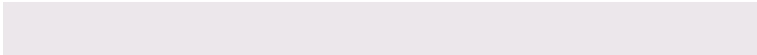
39, 67.585, 352.873



8, 29.812, 348.043

Inverse Universe

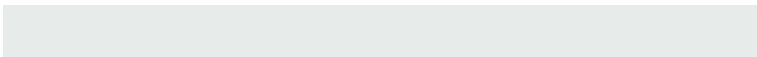
The Inverse Universe completely reimagines the original color for something new.



92, 2.377, 338.628



98, 3.586, 338.747



93, 1.782, 191.324



48, 2.540, 338.831



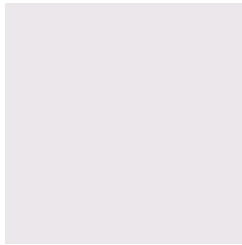
39, 67.585, 352.873



8, 29.812, 348.043

Previews

White Background



This preview shows how the CIE LCh color 92, 2.379, 338.614 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, 2.379, 338.614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

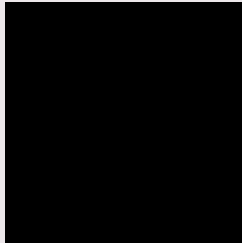
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

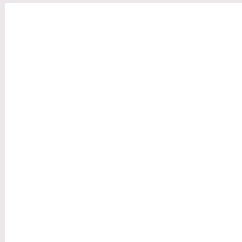
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 2.379, 338.614

Background



This preview shows how black text looks on a background with the CIELCh color 92, 2.379, 338.614.

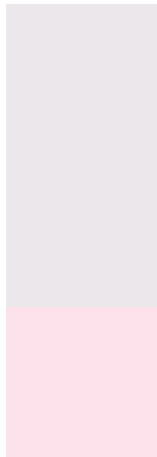


This preview shows how white text looks on a background with the CIELCh color 92, 2.379, 338.614.

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

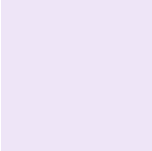
92, 2.379, 338.614

Protanopia

92, 2.124, 332.278

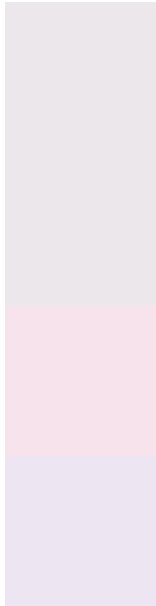
Deuteranopia

92, 11.328, 353.129



Tritanopia
92, 9.876, 309.380

Trichromacy



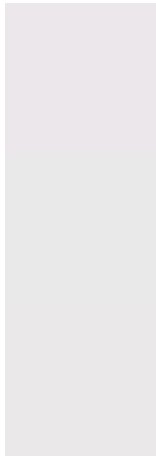
Original Color
92, 2.379, 338.614

Protanomaly
92, 2.124, 332.278

Deuteranomaly
92, 8.292, 350.089

Tritanomaly
92, 6.713, 312.108

Monochromacy



Original Color
92, 2.379, 338.614

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 0.891, 343.209

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 2.379, 338.614 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(236, 231, 234)` looks like.

```
.text, #text, p{  
    color:rgb(236, 231, 234)  
}
```

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(236, 231, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 231, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 2.379, 338.614 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(236, 231, 234) }
```

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

```
.border{ border-color:rgb(236, 231, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 231, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 231, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 231, 234);  
box-shadow:4px 4px 4px 4px rgb(236, 231,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 2.379, 338.614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 231, 234) }
```

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

```
.background{ background-color: rgb(236,  
231, 234) }
```

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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