

Converting Colors

CIELCh(92, 3.338, 19.236)

Have a look what the booklet for
CIELCh(92, 3.338, 19.236) contains.

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Color

CIELCh(92, 3.227, 19.439)

Conversions

Conversions Part 1

Format	Color
Hex	EFE6E6
RGB	239, 230, 230
RGB Percent	94%, 90%, 90%
CMY	0.0625, 0.0978, 0.0978
CMYK	0.00, 0.04, 0.04, 0.06
HSL	0°, 22%, 92%
HSV	0°, 4%, 94%
XYZ	78.2213, 80.7044, 86.3617
YIQ	232.6910, 5.3640, 1.9080

Conversions

Conversions Part 2

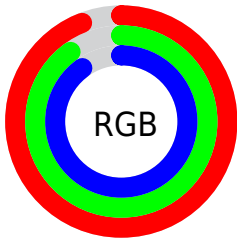
Format	Color
R _Y B	239, 230, 230
Decimal	15722214
CIE Lab	92.00, 3.04, 1.07
CIE LCh	92, 3.227, 19.439
Yxy	80.7044, 0.3189, 0.3290
Android (android.graphics.Color)	4293912294 (0xFFEFE6E6)
YUV	232.6910, -1.3267, 5.5330
Hunter-Lab	89.8356, -1.7897, 5.8877

Details

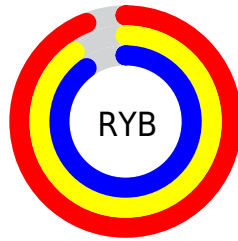
The CIELCh color **92, 3.227, 19.439** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **94, 3.149, 199.435**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 3.022, 19.496** is the 20% darker color. If you saturate the color by 10%, you get **86, 12.270, 20.323**, and if you desaturate by 10%, it is **99, 5.132, 199.247**.

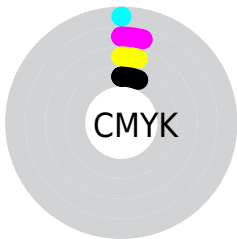
Distribution



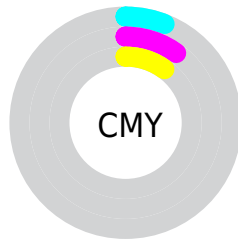
- Red (94%)
- Green (90%)
- Blue (90%)



- Red (94%)
- Yellow (90%)
- Blue (90%)



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



- Cyan (6%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 3.227, 19.439 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, 3.227, 19.439 by changing the saturation by 10% instead.

92, 3.227, 19.439

92, 3.227, 19.439

100, 3.227, 19.439

82, 3.227, 19.439

72, 3.227, 19.439

62, 3.227, 19.439

52, 3.227, 19.439

42, 3.227, 19.439

32, 3.227, 19.439

22, 3.227, 19.439

12, 3.227, 19.439

2, 3.227, 19.439

92, 3.227, 19.439

92, 3.227, 19.439

86, 12.270, 20.323

99, 5.132, 199.247

79, 22.034, 21.257

99, 5.481, 199.179

73, 32.503, 22.458

67, 43.591, 24.026

62, 55.105, 26.074

58, 66.740, 28.707

54, 78.065, 31.945

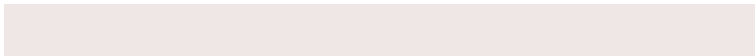
52, 88.410, 35.543

50, 96.338, 38.662

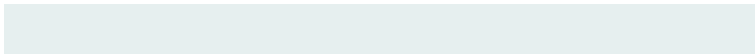
Harmonies

Complementary

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



92, 3.227, 19.439



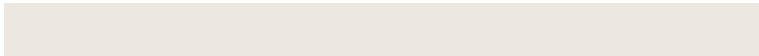
94, 3.149, 199.435

Rectangle

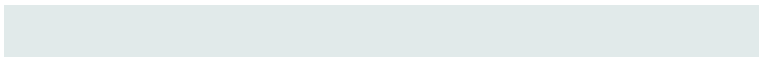
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



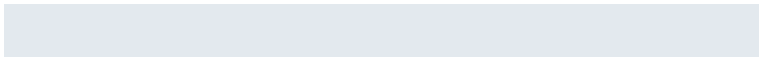
92, 3.227, 19.439



92, 3.227, 69.439



92, 3.227, 199.439



92, 3.227, 249.439

Sweetspot

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



92, 3.225, 19.476



99, 0.894, 18.766



92, 5.672, 324.597



53, 0.508, 18.724



0, 0.000, 0.000



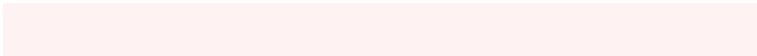
53, 0.007, 296.813

Same Dimension

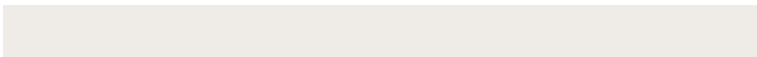
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 3.225, 19.476



97, 4.536, 19.604



93, 2.802, 74.812



48, 2.950, 19.665



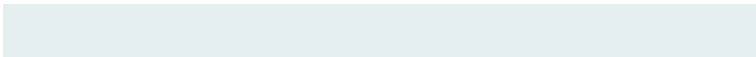
38, 81.696, 40.000



8, 29.826, 23.831

Inverse Universe

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



94, 3.149, 199.435



99, 4.395, 199.316



93, 2.791, 256.038



50, 2.846, 199.262



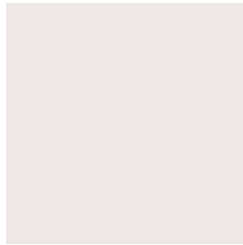
68, 39.131, 196.457



21, 17.084, 196.447

Previews

White Background



This preview shows how the CIELCh color 92, 3.227, 19.439 looks on a white background.

Color Contrast Check

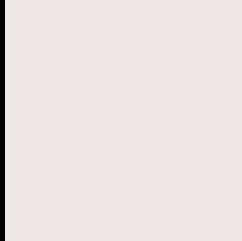
Large Text (above 18pt) WCAG AA × Fail

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, 3.227, 19.439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

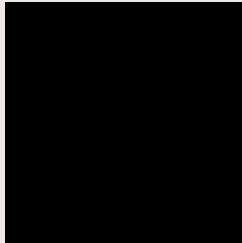
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

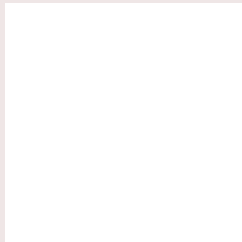
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 3.227, 19.439

Background



This preview shows how black text looks on a background with the CIELCh color 92, 3.227, 19.439.

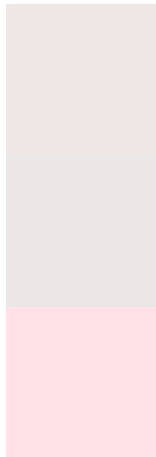


This preview shows how white text looks on a background with the CIELCh color 92, 3.227, 19.439.

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, 3.227, 19.439

Protanopia

92, 1.786, 19.184

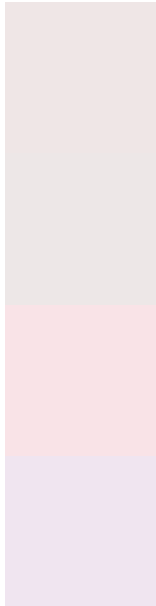
Deuteranopia

92, 11.302, 4.332



Tritanopia
92, 10.421, 316.721

Trichromacy



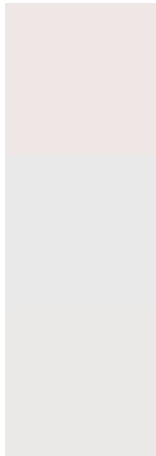
Original Color
92, 3.227, 19.439

Protanomaly
92, 2.145, 19.266

Deuteranomaly
92, 8.210, 5.396

Tritanomaly
92, 6.931, 324.652

Monochromacy



Original Color
92, 3.227, 19.439

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 1.070, 18.902

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 3.227, 19.439 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, 230, 230)` looks like.

```
.text, #text, p{  
    color:rgb(239, 230, 230)  
}
```

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, 230, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 230, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 3.227, 19.439 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, 230, 230) }
```

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

```
.border{ border-color:rgb(239, 230, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 230, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 230, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 230, 230);  
box-shadow:4px 4px 4px 4px rgb(239, 230,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 3.227, 19.439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 230, 230) }
```

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

```
.background{ background-color: rgb(239,  
230, 230) }
```

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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