

Converting Colors

CIE LCh(92, 3.223, 324.471)

Have a look what the booklet for
CIELCh(92, 3.223, 324.471) contains.

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Color

CIELCh(92, 3.159, 324.466)

Conversions

Conversions Part 1

Format	Color
Hex	ECE7EC
RGB	236, 231, 236
RGB Percent	93%, 91%, 93%
CMY	0.0762, 0.0958, 0.0762
CMYK	0.00, 0.02, 0.00, 0.08
HSL	300°, 11%, 91%
HSV	300°, 2%, 92%
XYZ	77.9849, 80.7044, 90.4983
YIQ	233.0650, 1.3750, 2.6150

Conversions

Conversions Part 2

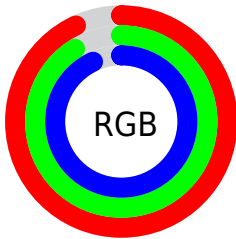
Format	Color
RYB	236, 231, 236
Decimal	15525868
CIELab	92.00, 2.57, -1.84
CIELCh	92, 3.159, 324.466
Yxy	80.7044, 0.3130, 0.3239
Android (android.graphics.Color)	4293715948 (0xFFECE7EC)
YUV	233.0650, 1.4470, 2.5740
Hunter-Lab	89.8356, -2.2592, 3.1576

Details

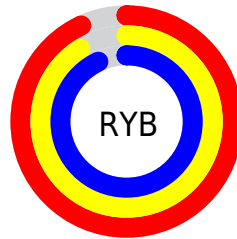
The CIELCh color **92, 3.159, 324.466** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 3.137, 144.416**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 3.323, 324.520** is the 20% darker color. If you saturate the color by 10%, you get **86, 18.130, 325.093**, and if you desaturate by 10%, it is **98, 11.567, 144.041**.

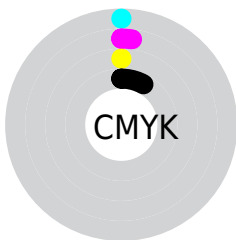
Distribution



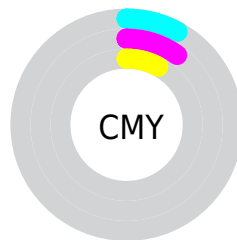
- Red (93%)
- Green (91%)
- Blue (93%)



- Red (93%)
- Yellow (91%)
- Blue (93%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (8%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 3.159, 324.466 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, 3.159, 324.466 by changing the saturation by 10% instead.

92, 3.159, 324.466

92, 3.159, 324.466

100, 3.159,
324.466

82, 3.159, 324.466

72, 3.159, 324.466

62, 3.159, 324.466

52, 3.159, 324.466

42, 3.159, 324.466

32, 3.159, 324.466

22, 3.159, 324.466

12, 3.159, 324.466

2, 3.159, 324.466

92, 3.159, 324.466

92, 3.159, 324.466

86, 18.130,
325.093

98, 11.567,
144.041

81, 33.176,
325.648

98, 12.101,
144.019

75, 48.031,
326.184

98, 12.100,
144.019

71, 62.321,
326.688

98, 12.100,
144.018

66, 75.559,
327.144

98, 12.100,
144.017

62, 87.176,
327.533

98, 12.100,
144.016

60, 96.594,
327.841

98, 12.100,
144.015

58, 103.364,
328.058

98, 12.100,
144.014

■ 56, 107.325,
328.184

■ 98, 12.100,
144.013

Harmonies

Complementary

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



92, 3.159, 324.466



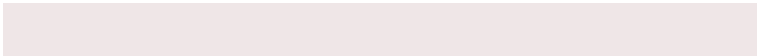
93, 3.137, 144.416

Rectangle

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



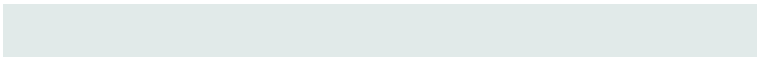
92, 3.159, 324.466



92, 3.159, 14.466



92, 3.159, 144.466



92, 3.159, 194.466

Sweetspot

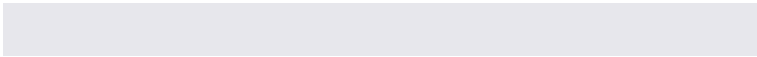
The Sweet Spot groups the original color and five complimentary colors.



92, 3.156, 324.466



99, 1.592, 324.302



92, 2.550, 289.750



53, 0.905, 324.289



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

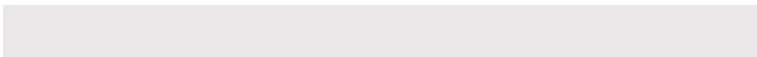
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 3.156, 324.466



98, 4.763, 324.542



92, 2.241, 342.733



48, 3.372, 324.598



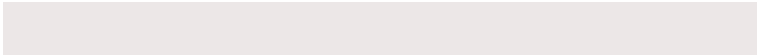
43, 89.364, 328.231



9, 38.267, 328.232

Inverse Universe

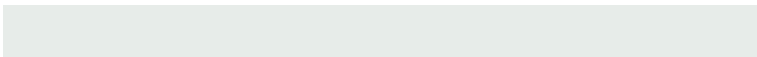
The Inverse Universe completely reimagines the original color for something new.



92, 1.785, 19.182



98, 2.702, 19.340



93, 2.220, 162.797



48, 1.919, 19.438



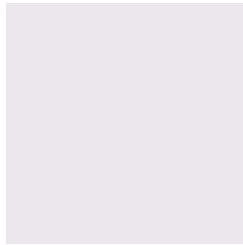
38, 80.846, 39.985



7, 28.535, 22.714

Previews

White Background



This preview shows how the CIELCh color 92, 3.159, 324.466 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, 3.159, 324.466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

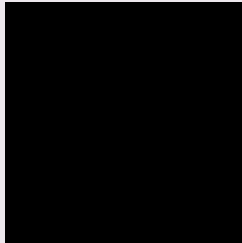
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

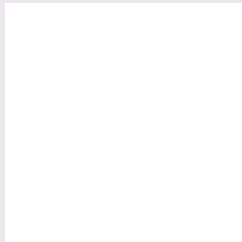
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 3.159, 324.466

Background



This preview shows how black text looks on a background with the CIELCh color 92, 3.159, 324.466.

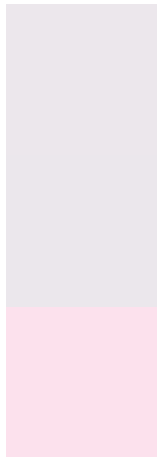


This preview shows how white text looks on a background with the CIELCh color 92, 3.159, 324.466.

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

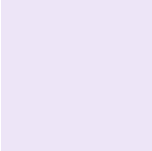
92, 3.159, 324.466

Protanopia

92, 2.972, 318.826

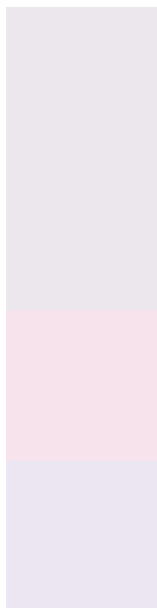
Deuteranopia

92, 11.508, 347.671



Tritanopia
92, 9.768, 307.438

Trichromacy



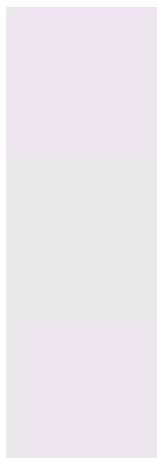
Original Color
92, 3.159, 324.466

Protanomaly
92, 2.972, 318.826

Deuteranomaly
92, 8.257, 345.696

Tritanomaly
92, 7.081, 307.942

Monochromacy



Original Color
92, 3.159, 324.466

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 1.270, 324.261

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 3.159, 324.466 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, 236)` looks like.

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

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, 236) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 92, 3.159, 324.466 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, 236) }
```

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

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

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, 236) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 92, 3.159, 324.466 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, 236) }
```

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

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

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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