

Converting Colors

CIELCh(92, 7.502, 332.692)

Have a look what the booklet for
CIELCh(92, 7.502, 332.692) contains.

CIELCh(92, 7.591, 331.349)	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, 7.591, 331.349)

Conversions

Conversions Part 1

Format	Color
Hex	F2E4EF
RGB	242, 228, 239
RGB Percent	95%, 89%, 94%
CMY	0.0504, 0.1053, 0.0622
CMYK	0.00, 0.06, 0.01, 0.05
HSL	313°, 35%, 92%
HSV	313°, 6%, 95%
XYZ	80.0475, 80.7044, 93.1276
YIQ	233.4400, 4.8130, 6.3890

Conversions

Conversions Part 2

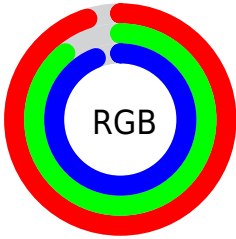
Format	Color
R _Y B	242, 228, 239
Decimal	15918319
CIE Lab	92.00, 6.66, -3.64
CIE LCh	92, 7.591, 331.349
Yxy	80.7044, 0.3153, 0.3179
Android (android.graphics.Color)	4294108399 (0xFF2E4EF)
YUV	233.4400, 2.7411, 7.5071
Hunter-Lab	89.8356, 1.8390, 1.4223

Details

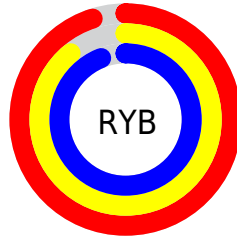
The CIELCh color **92, 7.591, 331.349** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 7.561, 150.709**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 7.324, 332.026** is the 20% darker color. If you saturate the color by 10%, you get **86, 20.844, 332.030**, and if you desaturate by 10%, it is **98, 5.466, 150.844**.

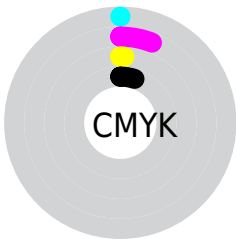
Distribution



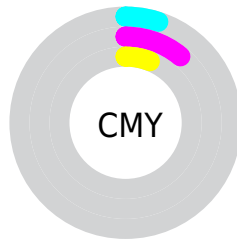
- Red (95%)
- Green (89%)
- Blue (94%)



- Red (95%)
- Yellow (89%)
- Blue (94%)



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (5%)



- Cyan (5%)
- Magenta (11%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 7.591, 331.349 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, 7.591, 331.349 by changing the saturation by 10% instead.

92, 7.591, 331.349

92, 7.591, 331.349

100, 7.591,
331.349

82, 7.591, 331.349

72, 7.591, 331.349

62, 7.591, 331.349

52, 7.591, 331.349

42, 7.591, 331.349

32, 7.591, 331.349

22, 7.591, 331.349

12, 7.591, 331.349

2, 7.591, 331.349

92, 7.591, 331.349

92, 7.591, 331.349

86, 20.844,
332.030

98, 5.466, 150.844

80, 34.129,
332.713

99, 5.303, 167.493

75, 47.175,
333.419

99, 4.441, 197.373

70, 59.599,
334.152

99, 4.434, 199.274

65, 70.896,
334.920

61, 80.464,
335.734

58, 87.702,
336.619

56, 92.169,
337.609

■ 55, 93.783,
338.751

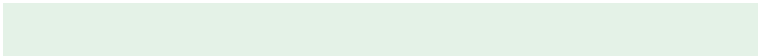
Harmonies

Complementary

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



92, 7.591, 331.349



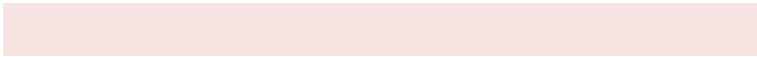
94, 7.561, 150.709

Rectangle

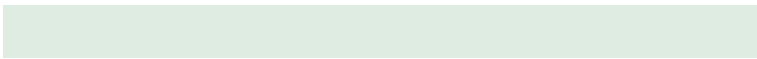
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 7.591, 331.349



92, 7.591, 21.349



92, 7.591, 151.349



92, 7.591, 201.349

Sweetspot

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



92, 7.588, 331.351



99, 2.734, 331.024



91, 7.344, 298.396



53, 1.555, 331.010



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, 7.588, 331.351



96, 9.590, 331.438



92, 5.482, 356.401



48, 5.925, 331.477



41, 76.515, 339.037



9, 34.148, 337.227

Inverse Universe

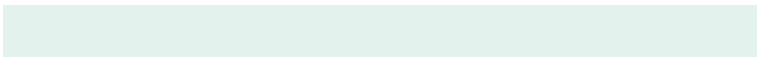
The Inverse Universe completely reimagines the original color for something new.



92, 7.588, 331.351



96, 9.590, 331.438



94, 5.385, 175.531



48, 5.925, 331.477



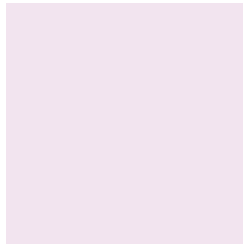
41, 76.515, 339.037



9, 34.148, 337.227

Previews

White Background



This preview shows how the CIELCh color 92, 7.591, 331.349 looks on a white background.

Color Contrast Check

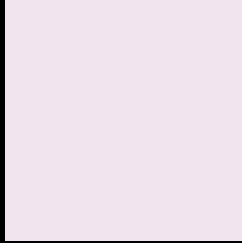
Large Text (above 18pt) WCAG AA × Fail

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, 7.591, 331.349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

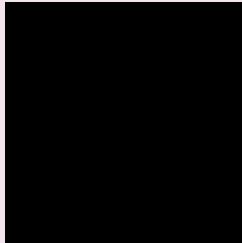
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

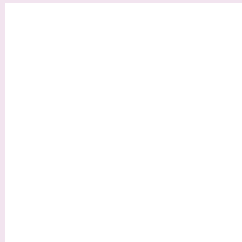
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 7.591, 331.349

Background



This preview shows how black text looks on a background with the CIELCh color 92, 7.591, 331.349.

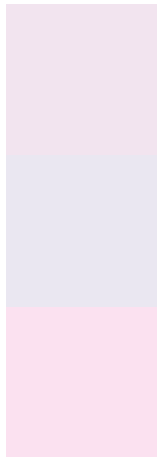


This preview shows how white text looks on a background with the CIELCh color 92, 7.591, 331.349.

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, 7.591, 331.349

Protanopia

92, 5.300, 302.031

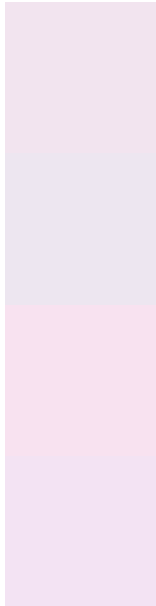
Deuteranopia

92, 12.111, 340.503



Tritanopia
92, 10.935, 321.730

Trichromacy



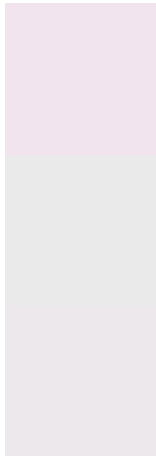
Original Color
92, 7.591, 331.349

Protanomaly
92, 5.765, 315.871

Deuteranomaly
92, 10.695, 337.589

Tritanomaly
92, 10.069, 324.775

Monochromacy



Original Color
92, 7.591, 331.349

Achromatopsia
93, 0.011, 296.813

Achromatomaly
92, 2.746, 330.532

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 7.591, 331.349 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(242, 228, 239)` looks like.

```
.text, #text, p{  
    color:rgb(242, 228, 239)  
}
```

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(242, 228, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 228, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 7.591, 331.349 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(242, 228, 239) }
```

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

```
.border{ border-color:rgb(242, 228, 239) }
```

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

Here you see how a box with a 4 pixel rgb(242, 228, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 228, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 228, 239);  
box-shadow:4px 4px 4px 4px rgb(242, 228,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 7.591, 331.349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 228, 239) }
```

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

```
.background{ background-color: rgb(242,  
228, 239) }
```

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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