

Converting Colors

CIELCh(90, 8.808, 338.515)

Have a look what the booklet for
CIELCh(90, 8.808, 338.515) contains.

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Color

CIELCh(90, 9.255, 337.727)

Conversions

Conversions Part 1

Format	Color
Hex	F0DDE9
RGB	240, 221, 233
RGB Percent	94%, 87%, 91%
CMY	0.0579, 0.1324, 0.0853
CMYK	0.00, 0.08, 0.03, 0.06
HSL	322°, 39%, 90%
HSV	322°, 8%, 94%
XYZ	76.6793, 76.3034, 87.9577
YIQ	228.0490, 7.4720, 7.7600

Conversions

Conversions Part 2

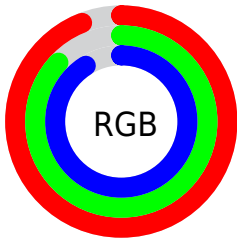
Format	Color
R _Y B	240, 221, 233
Decimal	15785449
CIE Lab	90.00, 8.56, -3.51
CIE LCh	90, 9.255, 337.727
Yxy	76.3034, 0.3183, 0.3167
Android (android.graphics.Color)	4293975529 (0xFFFF0DDE9)
YUV	228.0490, 2.4408, 10.4810
Hunter-Lab	87.3518, 3.8256, 1.4450

Details

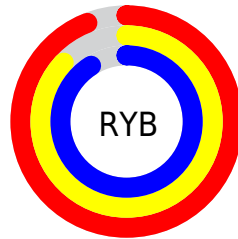
The CIELCh color **90, 9.255, 337.727** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **93, 9.193, 156.651**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 9.097, 338.804** is the 20% darker color. If you saturate the color by 10%, you get **84, 21.116, 338.538**, and if you desaturate by 10%, it is **96, 2.408, 157.222**.

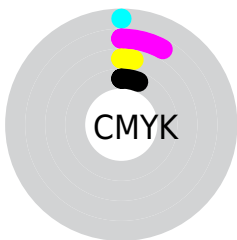
Distribution



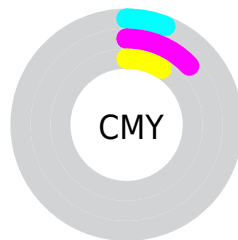
- Red (94%)
- Green (87%)
- Blue (91%)



- Red (94%)
- Yellow (87%)
- Blue (91%)



- Cyan (0%)
- Magenta (8%)
- Yellow (3%)
- Black (6%)



- Cyan (6%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 9.255, 337.727 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 90, 9.255, 337.727 by changing the saturation by 10% instead.

90, 9.255, 337.727

90, 9.255, 337.727

100, 9.255,
337.727

80, 9.255, 337.727

70, 9.255, 337.727

60, 9.255, 337.727

50, 9.255, 337.727

40, 9.255, 337.727

30, 9.255, 337.727

20, 9.255, 337.727

10, 9.255, 337.727

0, 9.255, 337.727

90, 9.255, 337.727

90, 9.255, 337.727

84, 21.116,
338.538

96, 2.408, 157.222

78, 33.021,
339.394

99, 5.542, 177.321

99, 5.080, 199.214

73, 44.713,
340.329

68, 55.817,
341.369

63, 65.832,
342.552

59, 74.166,
343.935

56, 80.236,
345.597

54, 83.654,
347.645

■ 53, 84.505,
350.178

Harmonies

Complementary

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



90, 9.255, 337.727



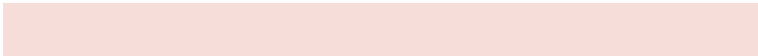
93, 9.193, 156.651

Rectangle

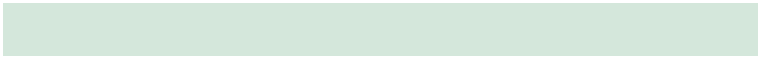
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 9.255, 337.727



90, 9.255, 27.727



90, 9.255, 157.727



90, 9.255, 207.727

Sweetspot

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



90, 9.252, 337.730



99, 2.446, 337.164



89, 10.235, 304.693



53, 1.391, 337.147



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



90, 9.252, 337.730



94, 11.061, 337.821



90, 7.022, 9.069



47, 6.644, 337.856



40, 69.326, 350.227



9, 31.150, 346.172

Inverse Universe

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



90, 9.252, 337.730



94, 11.061, 337.821



93, 6.762, 187.898



47, 6.644, 337.856



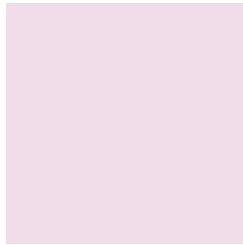
40, 69.326, 350.227



9, 31.150, 346.172

Previews

White Background



This preview shows how the CIELCh color 90, 9.255, 337.727 looks on a white background.

Color Contrast Check

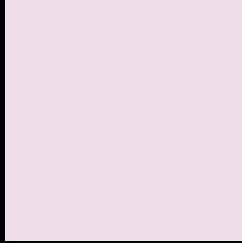
Large Text (above 18pt) WCAG AA × Fail

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 90, 9.255, 337.727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

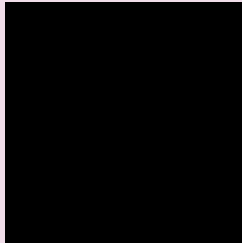
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

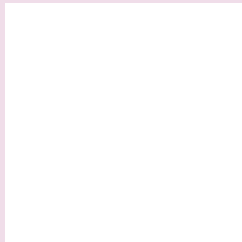
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 9.255, 337.727

Background



This preview shows how black text looks on a background with the CIELCh color 90, 9.255, 337.727.

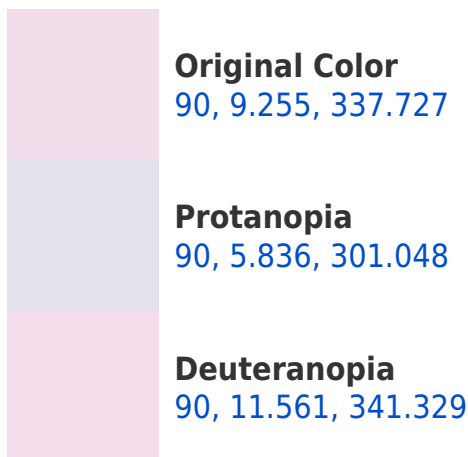


This preview shows how white text looks on a background with the CIELCh color 90, 9.255, 337.727.

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](#).

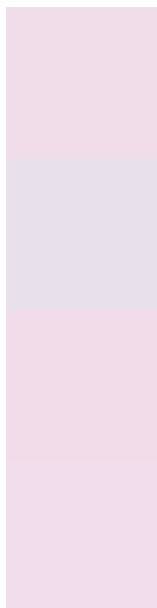
Dichromacy





Tritanopia
90, 11.378, 329.311

Trichromacy



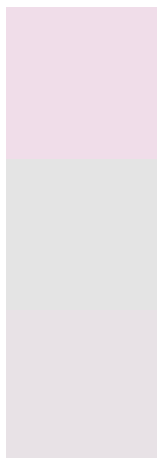
Original Color
90, 9.255, 337.727

Protanomaly
90, 6.417, 316.754

Deuteranomaly
90, 11.013, 338.905

Tritanomaly
90, 10.597, 332.846

Monochromacy



Original Color
90, 9.255, 337.727

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 3.005, 335.716

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 9.255, 337.727 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(240, 221, 233)` looks like.

```
.text, #text, p{  
    color:rgb(240, 221, 233)  
}
```

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(240, 221, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 221, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 9.255, 337.727 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(240, 221, 233) }
```

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

```
.border{ border-color:rgb(240, 221, 233) }
```

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

Here you see how a box with a 4 pixel rgb(240, 221, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 221, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 221, 233);  
box-shadow:4px 4px 4px 4px rgb(240, 221,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 9.255, 337.727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 221, 233) }
```

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

```
.background{ background-color: rgb(240,  
221, 233) }
```

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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