

Converting Colors

CIE LCh(90, 9.121, 341.638)

Have a look what the booklet for
CIELCh(90, 9.121, 341.638) contains.

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Color

CIELCh(90, 9.195, 341.666)

Conversions

Conversions Part 1

Format	Color
Hex	F1DDE8
RGB	241, 221, 232
RGB Percent	95%, 87%, 91%
CMY	0.0546, 0.1330, 0.0899
CMYK	0.00, 0.08, 0.04, 0.05
HSL	327°, 42%, 91%
HSV	327°, 8%, 95%
XYZ	76.7603, 76.3034, 87.0887
YIQ	228.2340, 8.3890, 7.6610

Conversions

Conversions Part 2

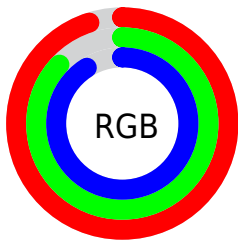
Format	Color
RYB	241, 221, 232
Decimal	15850984
CIELab	90.00, 8.73, -2.89
CIElCh	90, 9.195, 341.666
Yxy	76.3034, 0.3196, 0.3177
Android (android.graphics.Color)	4294041064 (0xFFFF1DDE8)
YUV	228.2340, 1.8566, 11.1958
Hunter-Lab	87.3518, 3.9911, 2.0348

Details

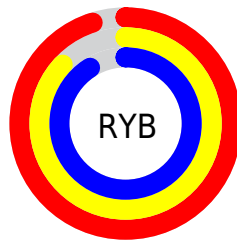
The CIELCh color **90, 9.195, 341.666** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **93, 9.106, 160.440**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 9.049, 343.051** is the 20% darker color. If you saturate the color by 10%, you get **84, 20.470, 342.564**, and if you desaturate by 10%, it is **96, 1.855, 161.170**.

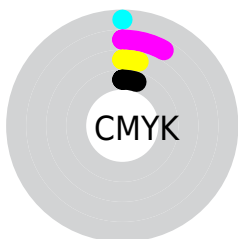
Distribution



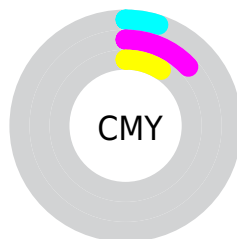
- Red (95%)
- Green (87%)
- Blue (91%)



- Red (95%)
- Yellow (87%)
- Blue (91%)



- Cyan (0%)
- Magenta (8%)
- Yellow (4%)
- Black (5%)



- Cyan (5%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 9.195, 341.666 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, 9.195, 341.666 by changing the saturation by 10% instead.

 90, 9.195, 341.666

 90, 9.195, 341.666

 100, 9.195,
341.666

 80, 9.195, 341.666

 70, 9.195, 341.666

 60, 9.195, 341.666

 50, 9.195, 341.666

 40, 9.195, 341.666

 30, 9.195, 341.666

 20, 9.195, 341.666

 10, 9.195, 341.666

 0, 9.195, 341.666

90, 9.195, 341.666

90, 9.195, 341.666

84, 20.470,
342.564

96, 1.855, 161.170

78, 31.828,
343.532

99, 4.852, 191.919

99, 4.793, 199.240

72, 43.025,
344.615

67, 53.702,
345.856

63, 63.370,
347.313

59, 71.452,
349.071

56, 77.381,
351.248

54, 80.806,
353.990

■ 52, 81.895,
357.414

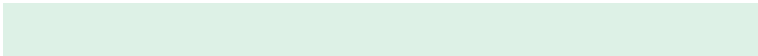
Harmonies

Complementary

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



90, 9.195, 341.666



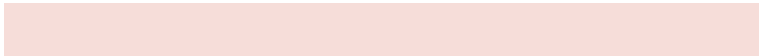
93, 9.106, 160.440

Rectangle

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



90, 9.195, 341.666



90, 9.195, 31.666



90, 9.195, 161.666



90, 9.195, 211.666

Sweetspot

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



90, 9.192, 341.670



99, 2.308, 341.012



89, 10.929, 307.685



53, 1.312, 340.994



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

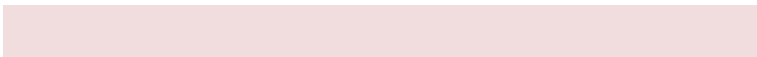
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 9.192, 341.670



93, 11.619, 341.823



90, 7.297, 15.786



47, 6.275, 341.774



40, 67.005, 357.326



8, 29.980, 351.820

Inverse Universe

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



90, 9.192, 341.670



93, 11.619, 341.823



94, 6.957, 194.781



47, 6.275, 341.774



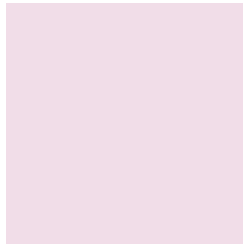
40, 67.005, 357.326



8, 29.980, 351.820

Previews

White Background



This preview shows how the CIELCh color 90, 9.195, 341.666 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, 9.195, 341.666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

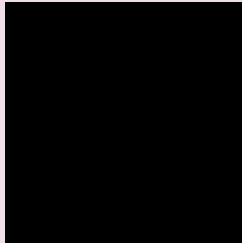
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

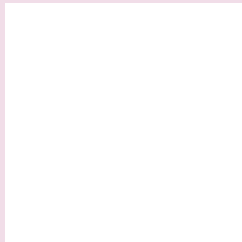
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 9.195, 341.666

Background



This preview shows how black text looks on a background with the CIELCh color 90, 9.195, 341.666.



This preview shows how white text looks on a background with the CIELCh color 90, 9.195, 341.666.

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](#).

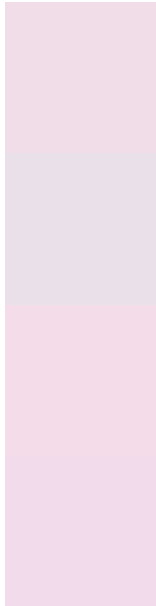
Dichromacy





Tritanopia
90, 12.234, 330.433

Trichromacy



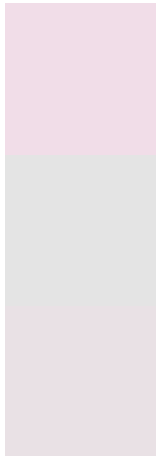
Original Color
90, 9.195, 341.666

Protanomaly
90, 5.701, 324.604

Deuteranomaly
90, 10.659, 344.437

Tritanomaly
90, 11.467, 333.781

Monochromacy



Original Color
90, 9.195, 341.666

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 3.558, 343.804

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 9.195, 341.666 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(241, 221, 232)` looks like.

```
.text, #text, p{  
    color:rgb(241, 221, 232)  
}
```

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(241, 221, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 221, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 9.195, 341.666 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(241, 221, 232) }
```

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

```
.border{ border-color:rgb(241, 221, 232) }
```

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

Here you see how a box with a 4 pixel rgb(241, 221, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 221, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 221, 232);  
box-shadow:4px 4px 4px 4px rgb(241, 221,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 9.195, 341.666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 221, 232) }
```

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

```
.background{ background-color: rgb(241,  
221, 232) }
```

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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