

Converting Colors

CIELCh(92, 21.871, 359.925)

Have a look what the booklet for
CIELCh(92, 21.871, 359.925)
contains.

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Color

CIELCh(90, 16.022, 349.496)

Conversions

Conversions Part 1

Format	Color
Hex	FED8E8
RGB	254, 216, 232
RGB Percent	100%, 85%, 91%
CMY	0.0025, 0.1514, 0.0887
CMYK	0.00, 0.15, 0.09, 0.00
HSL	335°, 97%, 92%
HSV	335°, 15%, 100%
XYZ	80.2874, 76.3034, 87.1288
YIQ	229.1860, 17.5120, 13.0320

Conversions

Conversions Part 2

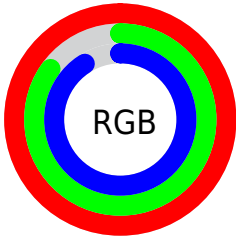
Format	Color
RYB	254, 216, 232
Decimal	16701672
CIELab	90.00, 15.75, -2.92
CIELCh	90, 16.022, 349.496
Yxy	76.3034, 0.3294, 0.3131
Android (android.graphics.Color)	4294891752 (0xFF FED8E8)
YUV	229.1860, 1.3873, 21.7619
Hunter-Lab	87.3518, 11.1986, 2.0076

Details

The CIELCh color **90, 16.022, 349.496** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 15.591, 166.806**, 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, 15.958, 350.092** is the 20% darker color. If you saturate the color by 10%, you get **84, 27.064, 350.601**, and if you desaturate by 10%, it is **97, 5.213, 348.474**.

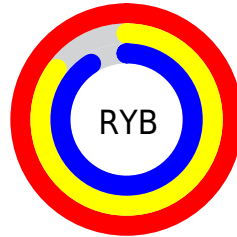
Distribution



Red (100%)

Green (85%)

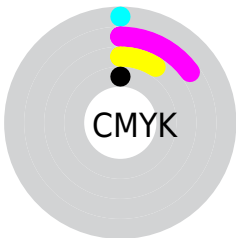
Blue (91%)



Red (100%)

Yellow (85%)

Blue (91%)

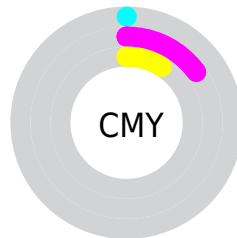


Cyan (0%)

Magenta (15%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 16.022, 349.496 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, 16.022, 349.496 by changing the saturation by 10% instead.


 90, 16.022,
349.496


 90, 16.022,
349.496


 100, 16.022,
349.496


 80, 16.022,
349.496


 70, 16.022,
349.496

 60, 16.022,
349.496

 50, 16.022,
349.496

 40, 16.022,
349.496

 30, 16.022,
349.496

 20, 16.022,

349.496

■ 10, 16.022,
349.496

■ 0, 16.022, 349.496

■ 90, 16.022,
349.496

■ 90, 16.022,
349.496

■ 84, 27.064,
350.601

■ 97, 5.213, 348.474

■ 78, 38.163,
351.863

100, 0.217,
202.452

■ 72, 49.023,
353.347

■ 67, 59.219,
355.138

■ 62, 68.214,
357.353

■ 59, 75.449, 0.150

■ 56, 80.530, 3.710

■ 55, 83.486, 8.188

■ 54, 84.521, 10.735

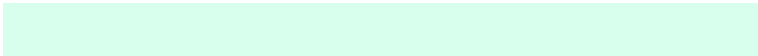
Harmonies

Complementary

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



90, 16.022, 349.496



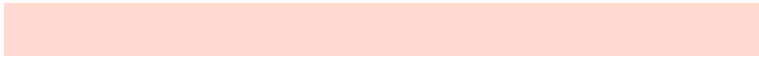
97, 15.591, 166.806

Rectangle

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



90, 16.022, 349.496



90, 16.022, 39.496



90, 16.022, 169.496



90, 16.022, 219.496

Sweetspot

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



90, 16.019, 349.500



97, 4.233, 348.367



89, 21.228, 312.010



52, 3.012, 348.454



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

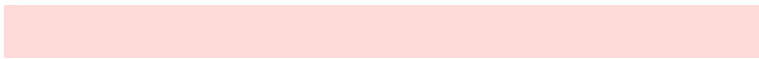
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 16.019, 349.500



88, 19.431, 349.825



90, 13.205, 25.957



50, 6.065, 348.947



41, 68.118, 9.761



10, 31.356, 3.009

Inverse Universe

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



90, 16.019, 349.500



88, 19.431, 349.825



97, 11.952, 204.965



50, 6.065, 348.947



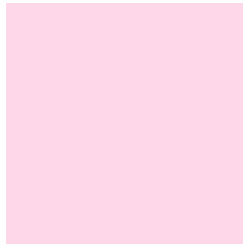
41, 68.118, 9.761



10, 31.356, 3.009

Previews

White Background



This preview shows how the CIELCh color 90, 16.022, 349.496 looks on a white background.

Color Contrast Check

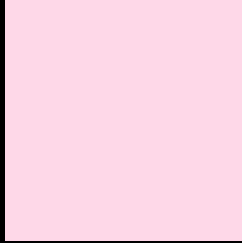
Large Text (above 18pt) WCAG AA × Fail

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, 16.022, 349.496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

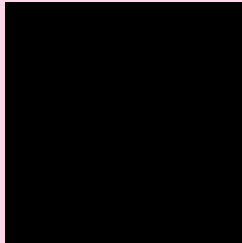
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 16.022, 349.496

Background



This preview shows how black text looks on a background with the CIELCh color 90, 16.022, 349.496.

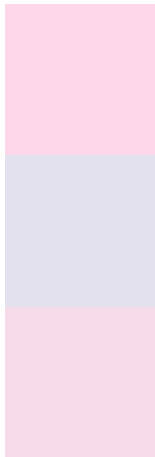


This preview shows how white text looks on a background with the CIELCh color 90, 16.022, 349.496.

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
90, 16.035, 349.502

Protanopia
90, 6.811, 296.623

Deuteranopia
90, 11.252, 346.661



Tritanopia
90, 16.293, 347.923

Trichromacy



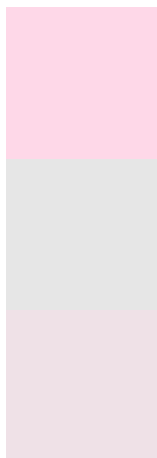
Original Color
90, 16.035, 349.502

Protanomaly
90, 9.061, 326.610

Deuteranomaly
90, 12.751, 348.461

Tritanomaly
90, 16.293, 347.923

Monochromacy



Original Color
90, 16.035, 349.502

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 5.926, 348.121

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 16.022, 349.496 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(254, 216, 232)` looks like.

```
.text, #text, p{  
    color:rgb(254, 216, 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(254, 216, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 216, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 16.022, 349.496 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(254, 216, 232) }
```

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

```
.border{ border-color:rgb(254, 216, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 216, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 216, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 216, 232);  
box-shadow:4px 4px 4px 4px rgb(254, 216,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 16.022, 349.496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 216, 232) }
```

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

```
.background{ background-color: rgb(254,  
216, 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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