

Converting Colors

CIELCh(90, 14.045, 342.698)

Have a look what the booklet for
CIELCh(90, 14.045, 342.698)
contains.

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Color

CIELCh(90, 14.210, 342.116)

Conversions

Conversions Part 1

Format	Color
Hex	F9DAEB
RGB	249, 218, 235
RGB Percent	98%, 85%, 92%
CMY	0.0234, 0.1450, 0.0783
CMYK	0.00, 0.12, 0.06, 0.02
HSL	327°, 72%, 92%
HSV	327°, 12%, 98%
XYZ	79.1563, 76.3034, 89.1759
YIQ	229.2070, 13.0190, 11.8590

Conversions

Conversions Part 2

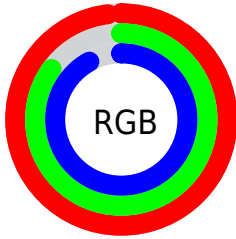
Format	Color
R _Y B	249, 218, 235
Decimal	16374507
CIE Lab	90.00, 13.52, -4.36
CIE LCh	90, 14.210, 342.116
Yxy	76.3034, 0.3236, 0.3119
Android (android.graphics.Color)	4294564587 (0xFFF9DAEB)
YUV	229.2070, 2.8559, 17.3585
Hunter-Lab	87.3518, 8.8872, 0.6182

Details

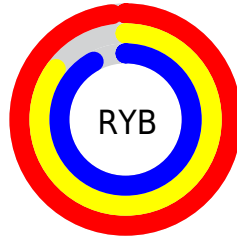
The CIELCh color **90, 14.210, 342.116** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 14.025, 160.143**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 14.023, 342.161** is the 20% darker color. If you saturate the color by 10%, you get **84, 25.832, 343.040**, and if you desaturate by 10%, it is **96, 2.766, 341.163**.

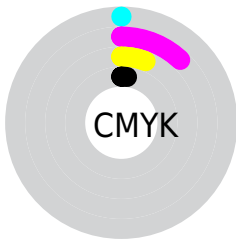
Distribution



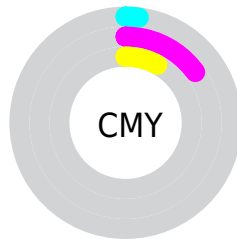
- Red (98%)
- Green (85%)
- Blue (92%)



- Red (98%)
- Yellow (85%)
- Blue (92%)



- Cyan (0%)
- Magenta (12%)
- Yellow (6%)
- Black (2%)





- Cyan (2%)
- Magenta (15%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 14.210, 342.116 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, 14.210, 342.116 by changing the saturation by 10% instead.


 90, 14.210,
342.116


 90, 14.210,
342.116


 100, 14.210,
342.116


 80, 14.210,
342.116


 70, 14.210,
342.116

 60, 14.210,
342.116

 50, 14.210,
342.116

 40, 14.210,
342.116

 30, 14.210,
342.116

 20, 14.210,

342.116

■ 10, 14.210,
342.116

■ 0, 14.210, 342.116

■ 90, 14.210,
342.116

■ 90, 14.210,
342.116

■ 84, 25.832,
343.040

■ 96, 2.766, 341.163

■ 78, 37.450,
344.057

■ 100, 2.070,
199.594

■ 72, 48.764,
345.206

■ 67, 59.348,
346.537

■ 63, 68.653,
348.118

■ 59, 76.069,
350.051

■ 56, 81.079,
352.467

■ 55, 83.491,
355.518

■ 54, 83.978,
358.257

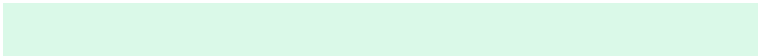
Harmonies

Complementary

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



90, 14.210, 342.116



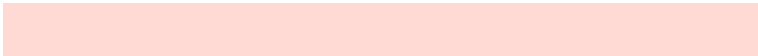
95, 14.025, 160.143

Rectangle

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



90, 14.210, 342.116



90, 14.210, 32.116



90, 14.210, 162.116



90, 14.210, 212.116

Sweetspot

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



90, 14.207, 342.119



97, 4.614, 341.351



89, 16.941, 307.899



52, 3.281, 341.427



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

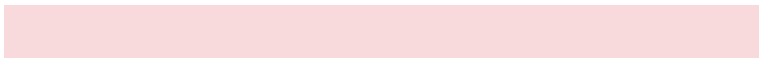
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 14.207, 342.119



90, 17.497, 342.349



90, 11.414, 16.169



49, 6.487, 341.858



41, 68.334, 357.550



10, 31.596, 352.497

Inverse Universe

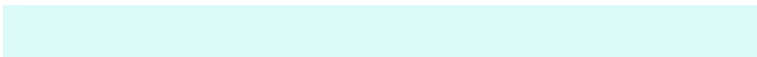
The Inverse Universe completely reimagines the original color for something new.



90, 14.207, 342.119



90, 17.497, 342.349



96, 10.614, 194.473



49, 6.487, 341.858



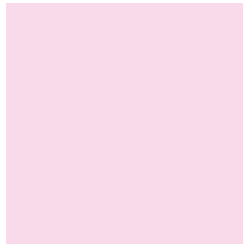
41, 68.334, 357.550



10, 31.596, 352.497

Previews

White Background



This preview shows how the CIELCh color 90, 14.210, 342.116 looks on a white background.

Color Contrast Check

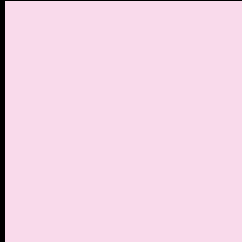
Large Text (above 18pt) WCAG AA × Fail

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, 14.210, 342.116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

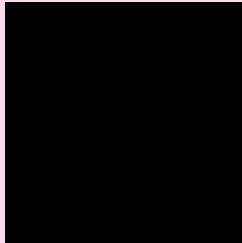
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 14.210, 342.116

Background



This preview shows how black text looks on a background with the CIELCh color 90, 14.210, 342.116.

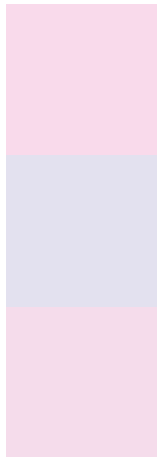


This preview shows how white text looks on a background with the CIELCh color 90, 14.210, 342.116.

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, 14.210, 342.116

Protanopia

90, 7.328, 296.237

Deuteranopia

90, 11.887, 339.376



Tritanopia
90, 14.210, 342.116

Trichromacy



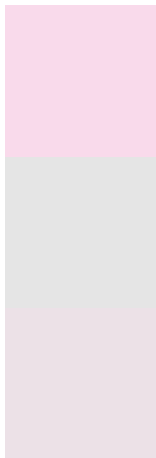
Original Color
90, 14.210, 342.116

Protanomaly
90, 9.552, 319.459

Deuteranomaly
90, 12.771, 339.794

Tritanomaly
90, 14.210, 342.116

Monochromacy



Original Color
90, 14.210, 342.116

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 5.042, 341.561

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 14.210, 342.116 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(249, 218, 235)` looks like.

```
.text, #text, p{  
    color:rgb(249, 218, 235)  
}
```

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(249, 218, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 218, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 14.210, 342.116 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(249, 218, 235) }
```

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

```
.border{ border-color:rgb(249, 218, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 218, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 218, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 218, 235);  
box-shadow:4px 4px 4px 4px rgb(249, 218,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 14.210, 342.116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 218, 235) }
```

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

```
.background{ background-color: rgb(249,  
218, 235) }
```

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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