

Converting Colors

CIELCh(90, 15.013, 357.417)

Have a look what the booklet for
CIELCh(90, 15.013, 357.417)
contains.

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Color

CIELCh(90, 14.941, 358.148)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9E4
RGB	255, 217, 228
RGB Percent	100%, 85%, 89%
CMY	0.0010, 0.1499, 0.1068
CMYK	0.00, 0.15, 0.11, 0.00
HSL	343°, 99%, 92%
HSV	343°, 15%, 100%
XYZ	79.8701, 76.3034, 83.7416
YIQ	229.6160, 19.1170, 11.4770

Conversions

Conversions Part 2

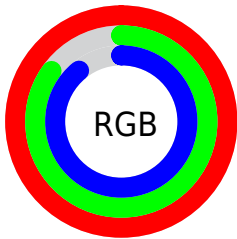
Format	Color
R _Y B	255, 217, 228
Decimal	16767460
CIE Lab	90.00, 14.93, -0.48
CIE LCh	90, 14.941, 358.148
Yxy	76.3034, 0.3329, 0.3180
Android (android.graphics.Color)	4294957540 (0xFFFFD9E4)
YUV	229.6160, -0.7967, 22.2618
Hunter-Lab	87.3518, 10.3459, 4.3066

Details

The CIELCh color **90, 14.941, 358.148** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 14.283, 175.325**, 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, 15.041, 357.372** is the 20% darker color. If you saturate the color by 10%, you get **84, 25.427, 359.374**, and if you desaturate by 10%, it is **97, 4.819, 357.039**.

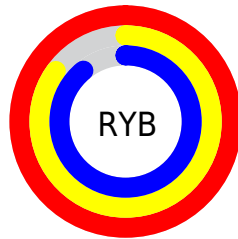
Distribution



Red (100%)

Green (85%)

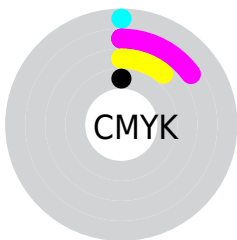
Blue (89%)



Red (100%)

Yellow (85%)

Blue (89%)

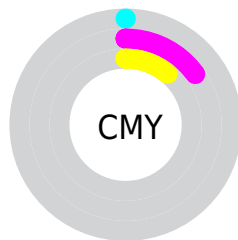


Cyan (0%)

Magenta (15%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 14.941, 358.148 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, 14.941, 358.148 by changing the saturation by 10% instead.


 90, 14.941,
358.148


 90, 14.941,
358.148

 100, 14.941,
358.148


 80, 14.941,
358.148


 70, 14.941,
358.148

 60, 14.941,
358.148

 50, 14.941,
358.148

 40, 14.941,
358.148

 30, 14.941,
358.148

 20, 14.941,

358.148

■ 10, 14.941,
358.148

■ 0, 14.941, 358.148

■ 90, 14.941,
358.148

■ 90, 14.941,
358.148

■ 84, 25.427,
359.374

■ 97, 4.819, 357.039

■ 77, 36.144, 0.810

100, 0.085,
207.189

■ 72, 46.848, 2.547

■ 66, 57.176, 4.695

■ 62, 66.663, 7.403

■ 58, 74.832, 10.844

■ 56, 81.388, 15.178

■ 54, 86.430, 20.437

■ 54, 88.728, 23.301

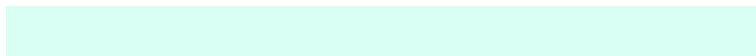
Harmonies

Complementary

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



90, 14.941, 358.148



97, 14.283, 175.325

Rectangle

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



90, 14.941, 358.148



90, 14.941, 48.148



90, 14.941, 178.148



90, 14.941, 228.148

Sweetspot

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



90, 14.938, 358.154



97, 3.921, 356.924



90, 21.890, 316.360



51, 2.790, 357.019



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

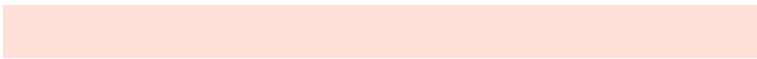
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 14.938, 358.154



88, 18.158, 358.512



92, 11.935, 39.179



50, 5.637, 357.554



40, 71.057, 22.214



10, 31.506, 13.479

Inverse Universe

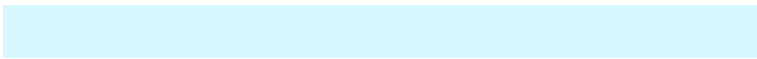
The Inverse Universe completely reimagines the original color for something new.



90, 14.938, 358.154



88, 18.158, 358.512



95, 10.834, 220.027



50, 5.637, 357.554



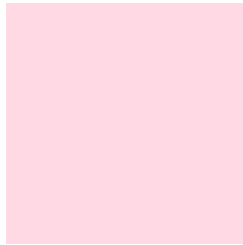
40, 71.057, 22.214



10, 31.506, 13.479

Previews

White Background



This preview shows how the CIELCh color 90, 14.941, 358.148 looks on a white background.

Color Contrast Check

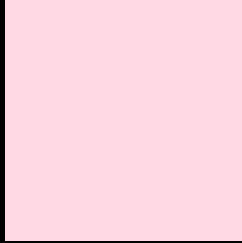
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 90, 14.941, 358.148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

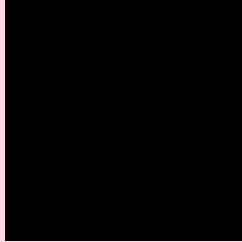
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 14.941, 358.148

Background



This preview shows how black text looks on a background with the CIELCh color 90, 14.941, 358.148.

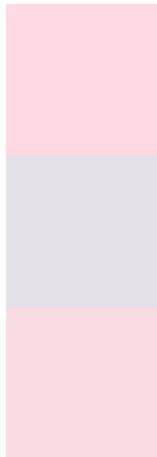


This preview shows how white text looks on a background with the CIELCh color 90, 14.941, 358.148.

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, 14.941, 358.148

Protanopia

90, 4.417, 309.189

Deuteranopia

90, 11.315, 358.749



Tritanopia
90, 16.600, 348.639

Trichromacy



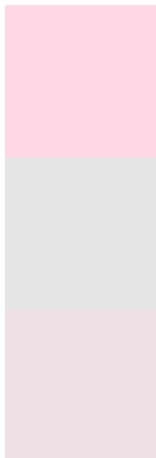
Original Color
90, 14.941, 358.148

Protanomaly
90, 7.425, 340.898

Deuteranomaly
90, 12.527, 358.490

Tritanomaly
90, 16.109, 351.809

Monochromacy



Original Color
90, 14.941, 358.148

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 5.125, 355.833

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 14.941, 358.148 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(255, 217, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 228)  
}
```

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(255, 217, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 14.941, 358.148 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(255, 217, 228) }
```

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

```
.border{ border-color:rgb(255, 217, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 217, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 14.941, 358.148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 228) }
```

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

```
.background{ background-color: rgb(255,  
217, 228) }
```

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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