

Converting Colors

CIELCh(90, 10.965, 358.007)

Have a look what the booklet for
CIELCh(90, 10.965, 358.007)
contains.

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Color

CIELCh(90, 10.975, 358.012)

Conversions

Conversions Part 1

Format	Color
Hex	F7DBE3
RGB	247, 219, 227
RGB Percent	97%, 86%, 89%
CMY	0.0297, 0.1395, 0.1081
CMYK	0.00, 0.11, 0.08, 0.03
HSL	343°, 65%, 92%
HSV	343°, 11%, 97%
XYZ	77.8735, 76.3034, 83.6017
YIQ	228.2840, 14.1200, 8.4240

Conversions

Conversions Part 2

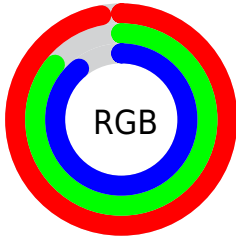
Format	Color
R _Y B	247, 219, 227
Decimal	16243683
CIE Lab	90.00, 10.97, -0.38
CIE LCh	90, 10.975, 358.012
Yxy	76.3034, 0.3275, 0.3209
Android (android.graphics.Color)	4294433763 (0xFFF7DBE3)
YUV	228.2840, -0.6330, 16.4139
Hunter-Lab	87.3518, 6.2659, 4.4016

Details

The CIELCh color **90, 10.975, 358.012** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 10.602, 175.962**, 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, 11.221, 357.556** is the 20% darker color. If you saturate the color by 10%, you get **84, 21.084, 359.181**, and if you desaturate by 10%, it is **97, 1.255, 356.638**.

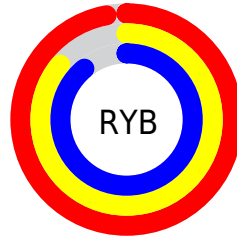
Distribution



Red (97%)

Green (86%)

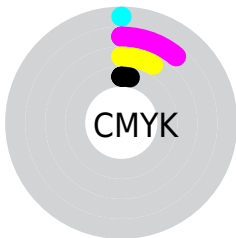
Blue (89%)



Red (97%)

Yellow (86%)

Blue (89%)

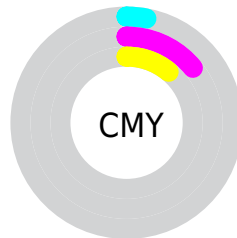


Cyan (0%)

Magenta (11%)

Yellow (8%)

Black (3%)



Cyan (3%)


Magenta (14%)


Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 10.975, 358.012 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, 10.975, 358.012 by changing the saturation by 10% instead.


 90, 10.975,
358.012


 90, 10.975,
358.012


 100, 10.975,
358.012


 80, 10.975,
358.012


 70, 10.975,
358.012

 60, 10.975,
358.012

 50, 10.975,
358.012

 40, 10.975,
358.012

 30, 10.975,
358.012

 20, 10.975,

358.012

■ 10, 10.975,
358.012

■ 0, 10.975, 358.012

■ 90, 10.975,
358.012

■ 90, 10.975,
358.012

■ 84, 21.084,
359.181

■ 97, 1.255, 356.638

■ 99, 2.622, 199.492

■ 78, 31.483, 0.531

■ 72, 41.974, 2.149

■ 66, 52.251, 4.135

■ 62, 61.892, 6.624

■ 58, 70.424, 9.782

■ 55, 77.470, 13.779

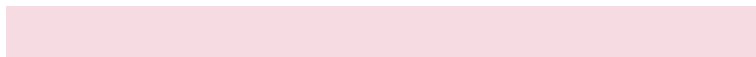
■ 53, 82.964, 18.711

■ 52, 86.919, 23.543

Harmonies

Complementary

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



90, 10.975, 358.012



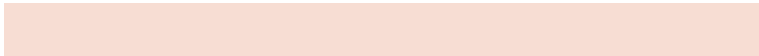
95, 10.602, 175.962

Rectangle

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



90, 10.975, 358.012



90, 10.975, 48.012



90, 10.975, 178.012



90, 10.975, 228.012

Sweetspot

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



90, 10.973, 358.019



98, 2.929, 357.048



90, 16.169, 316.199



52, 2.224, 357.165



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

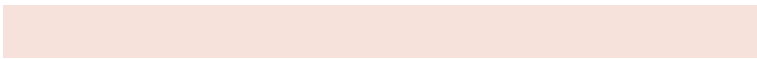
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 10.973, 358.019



91, 13.986, 358.320



91, 8.716, 39.201



49, 5.534, 357.820



40, 70.465, 22.495



9, 30.620, 12.973

Inverse Universe

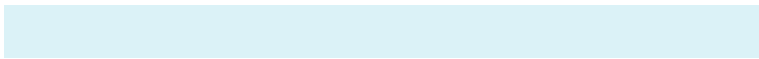
The Inverse Universe completely reimagines the original color for something new.



90, 10.973, 358.019



91, 13.986, 358.320



94, 8.111, 219.896



49, 5.534, 357.820



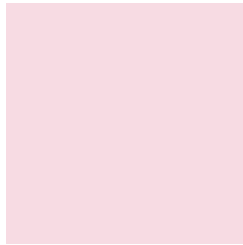
40, 70.465, 22.495



9, 30.620, 12.973

Previews

White Background



This preview shows how the CIELCh color 90, 10.975, 358.012 looks on a white background.

Color Contrast Check

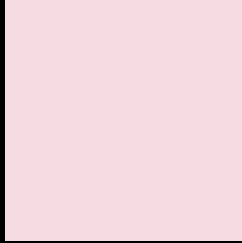
Large Text (above 18pt) WCAG AA × Fail

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, 10.975, 358.012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

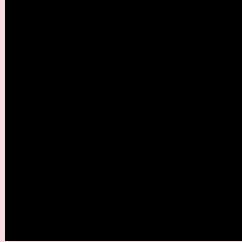
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 10.975, 358.012

Background



This preview shows how black text looks on a background with the CIELCh color 90, 10.975, 358.012.

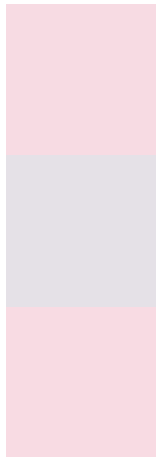


This preview shows how white text looks on a background with the CIELCh color 90, 10.975, 358.012.

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, 10.975, 358.012

Protanopia

90, 3.451, 314.721

Deuteranopia

90, 11.315, 358.749



Tritanopia
90, 14.210, 342.116

Trichromacy



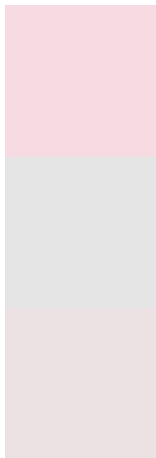
Original Color
90, 10.975, 358.012

Protanomaly
90, 5.935, 342.000

Deuteranomaly
90, 11.315, 358.749

Tritanomaly
90, 12.445, 347.542

Monochromacy



Original Color
90, 10.975, 358.012

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 3.748, 3.482

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 10.975, 358.012 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(247, 219, 227)` looks like.

```
.text, #text, p{  
    color:rgb(247, 219, 227)  
}
```

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(247, 219, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 219, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 10.975, 358.012 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(247, 219, 227) }
```

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

```
.border{ border-color:rgb(247, 219, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 219, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 219, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 219, 227);  
box-shadow:4px 4px 4px 4px rgb(247, 219,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 10.975, 358.012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 219, 227) }
```

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

```
.background{ background-color: rgb(247,  
219, 227) }
```

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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