

Converting Colors

CIELCh(90, 12.447, 352.951)

Have a look what the booklet for
CIELCh(90, 12.447, 352.951)
contains.

CIELCh(90, 12.258, 352.613)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(90, 12.258, 352.613)

Conversions

Conversions Part 1

Format	Color
Hex	F9DBE6
RGB	249, 219, 230
RGB Percent	98%, 86%, 90%
CMY	0.0246, 0.1422, 0.0991
CMYK	0.00, 0.12, 0.08, 0.02
HSL	338°, 70%, 92%
HSV	338°, 12%, 98%
XYZ	78.4682, 76.3034, 85.2493
YIQ	229.2240, 14.3490, 9.7810

Conversions

Conversions Part 2

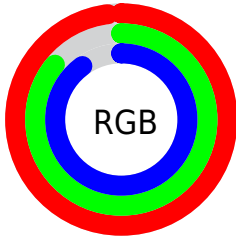
Format	Color
R _Y B	249, 219, 230
Decimal	16374758
CIE Lab	90.00, 12.16, -1.58
CIE LCh	90, 12.258, 352.613
Yxy	76.3034, 0.3269, 0.3179
Android (android.graphics.Color)	4294564838 (0xFFF9DBE6)
YUV	229.2240, 0.3826, 17.3436
Hunter-Lab	87.3518, 7.4811, 3.2833

Details

The CIELCh color **90, 12.258, 352.613** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 11.925, 170.444**, 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, 12.239, 351.184** is the 20% darker color. If you saturate the color by 10%, you get **84, 22.766, 353.736**, and if you desaturate by 10%, it is **96, 2.058, 351.441**.

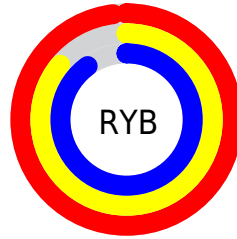
Distribution



Red (98%)

Green (86%)

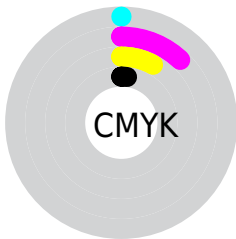
Blue (90%)



Red (98%)

Yellow (86%)

Blue (90%)

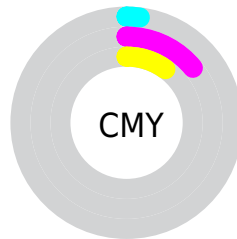


Cyan (0%)

Magenta (12%)

Yellow (8%)

Black (2%)



Cyan (2%)


Magenta (14%)


Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 12.258, 352.613 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, 12.258, 352.613 by changing the saturation by 10% instead.


 90, 12.258,
352.613


 90, 12.258,
352.613


 100, 12.258,
352.613


 80, 12.258,
352.613


 70, 12.258,
352.613

 60, 12.258,
352.613

 50, 12.258,
352.613

 40, 12.258,
352.613

 30, 12.258,
352.613

 20, 12.258,

352.613

■ 10, 12.258,
352.613

■ 0, 12.258, 352.613

■ 90, 12.258,
352.613

■ 90, 12.258,
352.613

■ 84, 22.766,
353.736

■ 96, 2.058, 351.441

■ 78, 33.453,
355.019

■ 100, 2.179,
199.571

■ 72, 44.080,
356.535

■ 67, 54.292,
358.371

■ 62, 63.615, 0.648

■ 58, 71.525, 3.526

■ 55, 77.600, 7.188

■ 54, 81.764, 11.785

■ 53, 84.163, 16.011

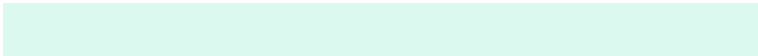
Harmonies

Complementary

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



90, 12.258, 352.613



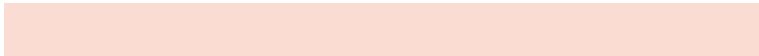
95, 11.925, 170.444

Rectangle

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



90, 12.258, 352.613



90, 12.258, 42.613



90, 12.258, 172.613



90, 12.258, 222.613

Sweetspot

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



90, 12.255, 352.619



97, 4.093, 351.746



90, 17.028, 314.084



51, 2.912, 351.837



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

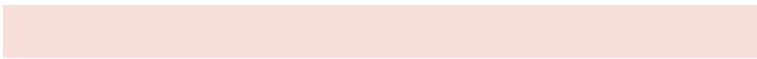
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 12.255, 352.619



91, 14.569, 352.828



91, 9.782, 32.154



49, 5.775, 352.349



40, 68.171, 14.983



9, 30.456, 7.163

Inverse Universe

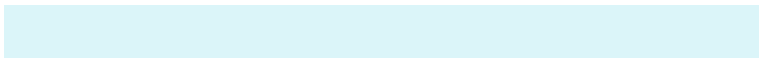
The Inverse Universe completely reimagines the original color for something new.



90, 12.255, 352.619



91, 14.569, 352.828



95, 9.034, 212.111



49, 5.775, 352.349



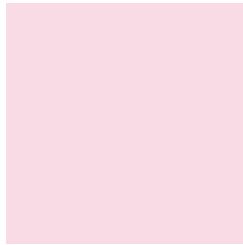
40, 68.171, 14.983



9, 30.456, 7.163

Previews

White Background



This preview shows how the CIELCh color 90, 12.258, 352.613 looks on a white background.

Color Contrast Check

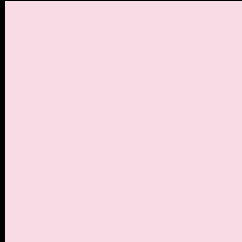
Large Text (above 18pt) WCAG AA × Fail

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, 12.258, 352.613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

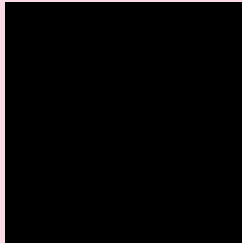
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 12.258, 352.613

Background



This preview shows how black text looks on a background with the CIELCh color 90, 12.258, 352.613.

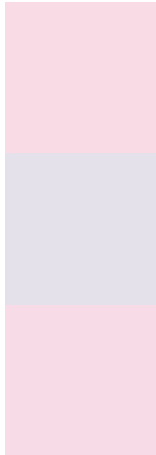


This preview shows how white text looks on a background with the CIELCh color 90, 12.258, 352.613.

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, 12.258, 352.613

Protanopia
90, 4.818, 303.243

Deuteranopia
90, 11.619, 350.868



Tritanopia
90, 14.210, 342.116

Trichromacy



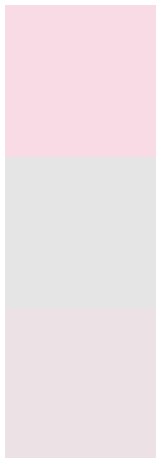
Original Color
90, 12.258, 352.613

Protanomaly
90, 6.621, 334.918

Deuteranomaly
90, 11.937, 351.762

Tritanomaly
90, 13.612, 345.576

Monochromacy



Original Color
90, 12.258, 352.613

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 4.476, 352.014

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 12.258, 352.613 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, 219, 230)` looks like.

```
.text, #text, p{  
    color:rgb(249, 219, 230)  
}
```

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, 219, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 219, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 12.258, 352.613 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, 219, 230) }
```

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

```
.border{ border-color:rgb(249, 219, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 219, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 219, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 219, 230);  
box-shadow:4px 4px 4px 4px rgb(249, 219,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 12.258, 352.613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 219, 230) }
```

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

```
.background{ background-color: rgb(249,  
219, 230) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor