

Converting Colors

CIELCh(90, 10.224, 1.676)

Have a look what the booklet for
CIELCh(90, 10.224, 1.676) contains.

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Color

CIELCh(90, 10.292, 2.570)

Conversions

Conversions Part 1

Format	Color
Hex	F7DCE2
RGB	247, 220, 226
RGB Percent	97%, 86%, 89%
CMY	0.0321, 0.1380, 0.1145
CMYK	0.00, 0.11, 0.09, 0.03
HSL	347°, 62%, 91%
HSV	347°, 11%, 97%
XYZ	77.5311, 76.3034, 82.4536
YIQ	228.7570, 14.1660, 7.5900

Conversions

Conversions Part 2

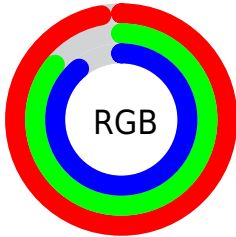
Format	Color
RYB	247, 220, 226
Decimal	16243938
CIELab	90.00, 10.28, 0.46
CIElCh	90, 10.292, 2.570
Yxy	76.3034, 0.3281, 0.3229
Android (android.graphics.Color)	4294434018 (0xFFFF7DCE2)
YUV	228.7570, -1.3592, 15.9991
Hunter-Lab	87.3518, 5.5662, 5.1809

Details

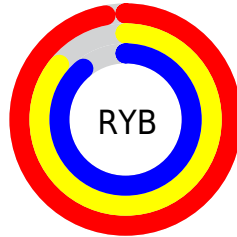
The CIELCh color **90, 10.292, 2.570** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 9.879, 180.639**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 10.498, 2.211** is the 20% darker color. If you saturate the color by 10%, you get **84, 20.178, 3.745**, and if you desaturate by 10%, it is **97, 0.862, 0.982**.

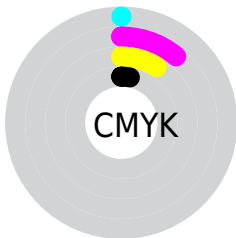
Distribution



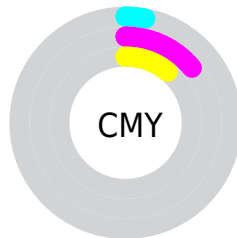
- Red (97%)
- Green (86%)
- Blue (89%)



- Red (97%)
- Yellow (86%)
- Blue (89%)



- Cyan (0%)
- Magenta (11%)
- Yellow (9%)
- Black (3%)

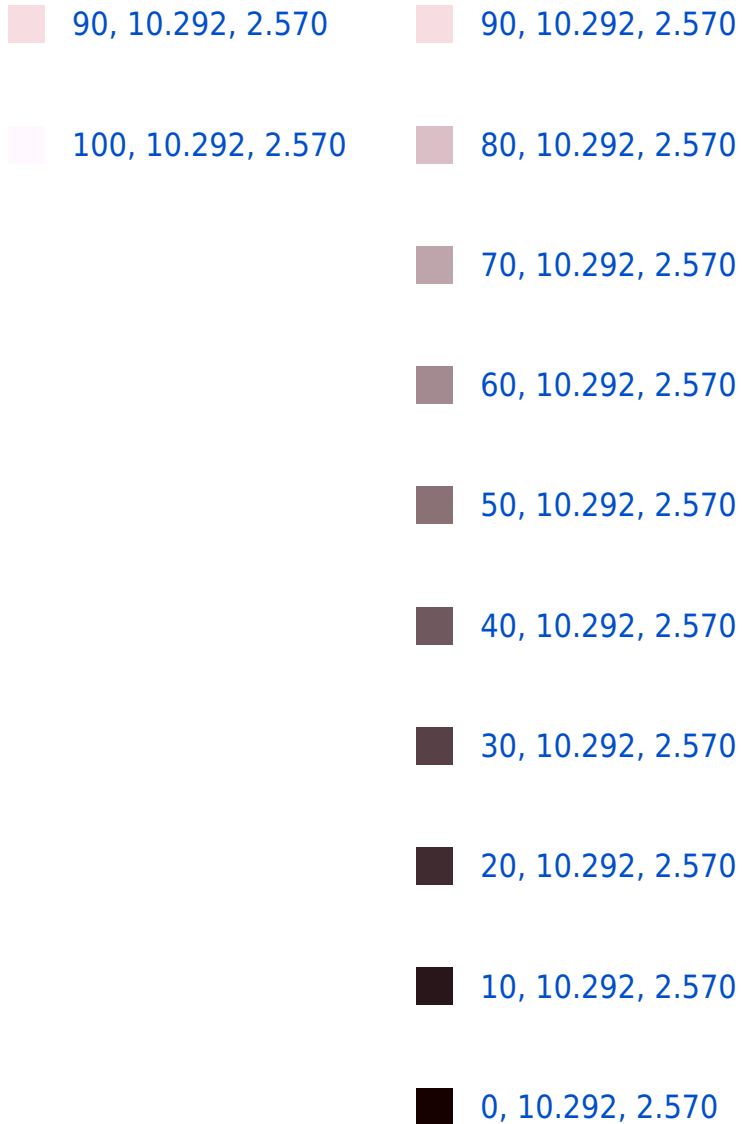


- Cyan (3%)
- Magenta (14%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 10.292, 2.570 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, 10.292, 2.570 by changing the saturation by 10% instead.



90, 10.292, 2.570

90, 10.292, 2.570

84, 20.178, 3.745

97, 0.862, 0.982

77, 30.447, 5.115

99, 2.838, 199.459

72, 40.931, 6.777

66, 51.360, 8.839

61, 61.353, 11.439

58, 70.477, 14.740

55, 78.384, 18.886

53, 84.988, 23.894

52, 90.185, 28.840

Harmonies

Complementary

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



90, 10.292, 2.570



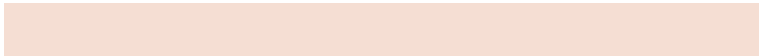
95, 9.879, 180.639

Rectangle

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



90, 10.292, 2.570



90, 10.292, 52.570



90, 10.292, 182.570



90, 10.292, 232.570

Sweetspot

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



90, 10.290, 2.579



98, 2.843, 1.642



90, 15.860, 318.266



52, 2.159, 1.762



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

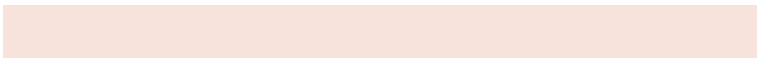
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 10.290, 2.579



91, 12.625, 2.810



92, 8.147, 46.827



48, 5.293, 2.419



39, 72.342, 27.778



9, 29.914, 15.647

Inverse Universe

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



90, 10.290, 2.579



91, 12.625, 2.810



93, 7.643, 228.206



48, 5.293, 2.419



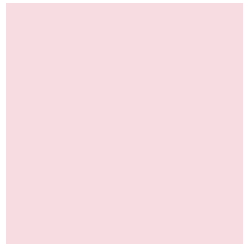
39, 72.342, 27.778



9, 29.914, 15.647

Previews

White Background



This preview shows how the CIELCh color 90, 10.292, 2.570 looks on a white background.

Color Contrast Check

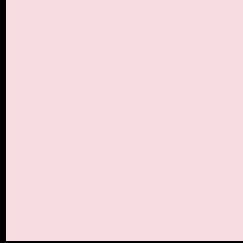
Large Text (above 18pt) WCAG AA × Fail

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, 10.292, 2.570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

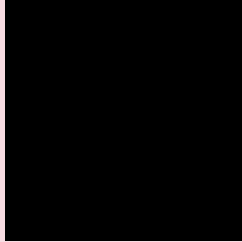
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 10.292, 2.570

Background



This preview shows how black text looks on a background with the CIELCh color 90, 10.292, 2.570.



This preview shows how white text looks on a background with the CIELCh color 90, 10.292, 2.570.

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





Tritanopia
90, 13.931, 341.160

Trichromacy



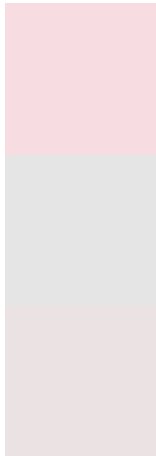
Original Color
90, 10.292, 2.570

Protanomaly
90, 5.364, 350.774

Deuteranomaly
90, 11.150, 1.240

Tritanomaly
90, 12.445, 347.542

Monochromacy



Original Color
90, 10.292, 2.570

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 3.403, 1.756

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 10.292, 2.570 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, 220, 226)` looks like.

```
.text, #text, p{  
    color:rgb(247, 220, 226)  
}
```

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, 220, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 220, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 10.292, 2.570 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, 220, 226) }
```

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

```
.border{ border-color:rgb(247, 220, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 220, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 220, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 220, 226);  
box-shadow:4px 4px 4px 4px rgb(247, 220,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 10.292, 2.570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 220, 226) }
```

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

```
.background{ background-color: rgb(247,  
220, 226) }
```

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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