

Converting Colors

CIELCh(68, 52.790, 12.020)

Have a look what the booklet for
CIELCh(68, 52.790, 12.020) contains.

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Color

CIELCh(68, 52.757, 12.317)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF7D94 |
| RGB | 255, 125, 148 |
| RGB Percent | 100%, 49%, 58% |
| CMY | 0.0008, 0.5105, 0.4203 |
| CMYK | 0.00, 0.51, 0.42, 0.00 |
| HSL | 349°, 100%, 74% |
| HSV | 349°, 51%, 100% |
| XYZ | 53.8030, 37.9720, 32.4362 |
| YIQ | 166.4920, 70.0970, 34.7130 |

Conversions

Conversions Part 2

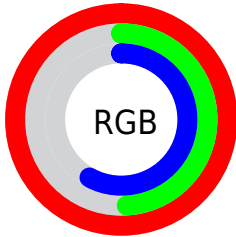
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 125, 148 |
| Decimal | 16743828 |
| CIE Lab | 68.00, 51.54, 11.25 |
| CIE LCh | 68, 52.757, 12.317 |
| Yxy | 37.9720, 0.4332, 0.3057 |
| Android (android.graphics.Color) | 4294933908 (0xFFFF7D94) |
| YUV | 166.4920, -9.1166, 77.6215 |
| Hunter-Lab | 61.6215, 48.0146, 11.9260 |

Details

The CIELCh color **68, 52.757, 12.317** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **92, 41.430, 180.043**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 29.777, 0.335**, and **48, 52.445, 12.104** is the 20% darker color. If you saturate the color by 10%, you get **63, 63.315, 14.989**, and if you desaturate by 10%, it is **74, 41.877, 10.214**.

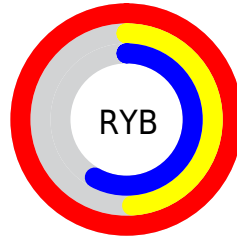
Distribution



Red (100%)

Green (49%)

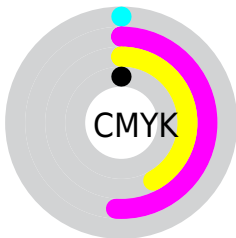
Blue (58%)



Red (100%)

Yellow (49%)

Blue (58%)

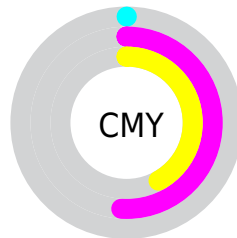


Cyan (0%)

Magenta (51%)

Yellow (42%)

Black (0%)



Cyan (0%)

Magenta (51%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 52.757, 12.317 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 68, 52.757, 12.317 by changing the saturation by 10% instead.

68, 52.757, 12.317

68, 52.757, 12.317

100, 52.757,
12.317

58, 52.757, 12.317

88, 52.757, 12.317

48, 52.757, 12.317

98, 52.757, 12.317

38, 52.757, 12.317

28, 52.757, 12.317

18, 52.757, 12.317

8, 52.757, 12.317

0, 52.757, 12.317

68, 52.757, 12.317

68, 52.757, 12.317

63, 63.315, 14.989

74, 41.877, 10.214

■ 59, 73.141, 18.376

■ 80, 31.050, 8.531

■ 56, 81.886, 22.592

■ 86, 20.531, 7.159

■ 54, 89.424, 27.571

■ 92, 10.471, 6.003

■ 53, 95.323, 32.246

■ 99, 0.937, 4.452

100, 0.073,
208.460

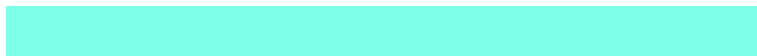
Harmonies

Complementary

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



68, 52.757, 12.317



92, 41.430, 180.043

Rectangle

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



68, 52.757, 12.317



68, 52.757, 62.317



68, 52.757, 192.317



68, 52.757, 242.317

Sweetspot

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



68, 52.754, 12.320



90, 14.434, 6.445



69, 76.725, 321.491



47, 9.904, 6.688



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 52.754, 12.320



63, 63.348, 14.986



76, 44.980, 50.631



50, 5.388, 5.841



40, 76.098, 31.267



10, 32.120, 19.840

Inverse Universe

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



68, 52.754, 12.320



63, 63.348, 14.986



82, 32.394, 240.920



50, 5.388, 5.841



40, 76.098, 31.267



10, 32.120, 19.840

Previews

White Background



This preview shows how the CIELCh color 68, 52.757, 12.317 looks on a white background.

Color Contrast Check

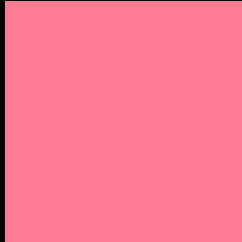
Large Text (above 18pt) WCAG AA × Fail

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 68, 52.757, 12.317 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 68, 52.757, 12.317

Background



This preview shows how black text looks on a background with the CIELCh color 68, 52.757, 12.317.

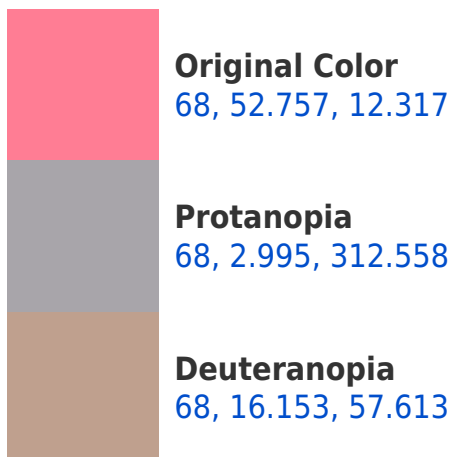


This preview shows how white text looks on a background with the CIELCh color 68, 52.757, 12.317.

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
68, 52.238, 20.099

Trichromacy



Original Color
68, 52.757, 12.317



Protanomaly
67, 20.594, 2.908



Deuteranomaly
67, 27.574, 25.421



Tritanomaly
68, 52.291, 17.308

Monochromacy



Original Color
68, 52.757, 12.317



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 18.992, 7.978

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 52.757, 12.317 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, 125, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 125, 148)  
}
```

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, 125, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 125, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 52.757, 12.317 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, 125, 148) }
```

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

```
.border{ border-color:rgb(255, 125, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 125, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 125, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 125, 148); box-shadow:4px 4px 4px 4px rgb(255, 125, 148) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 52.757, 12.317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 125, 148) }
```

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

```
.background{ background-color: rgb(255,  
125, 148) }
```

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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