

Converting Colors

CIELCh(75, 72.856, 24.791)

Have a look what the booklet for
CIELCh(75, 72.856, 24.791) contains.

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Color

CIELCh(68, 53.423, 22.029)

Conversions

Conversions Part 1

Format	Color
Hex	FF7E84
RGB	255, 126, 132
RGB Percent	100%, 49%, 52%
CMY	0.0000, 0.5049, 0.4814
CMYK	0.00, 0.50, 0.48, 0.00
HSL	357°, 100%, 75%
HSV	357°, 50%, 100%
XYZ	53.0186, 37.9720, 26.4490
YIQ	165.2550, 74.9580, 29.2140

Conversions

Conversions Part 2

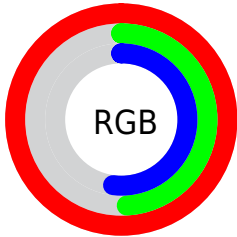
Format	Color
R _Y B	255, 126, 132
Decimal	16744068
CIE Lab	68.00, 49.52, 20.04
CIE LCh	68, 53.423, 22.029
Yxy	37.9720, 0.4515, 0.3233
Android (android.graphics.Color)	4294934148 (0xFFFF7E84)
YUV	165.2550, -16.3947, 78.7064
Hunter-Lab	61.6215, 45.7425, 17.6868

Details

The CIELCh color **68, 53.423, 22.029** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 37.948, 192.358**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 28.762, 17.688**, and **48, 53.428, 21.819** is the 20% darker color. If you saturate the color by 10%, you get **63, 65.076, 24.577**, and if you desaturate by 10%, it is **74, 41.641, 20.018**.

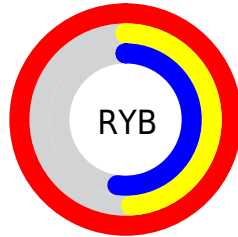
Distribution



Red (100%)

Green (49%)

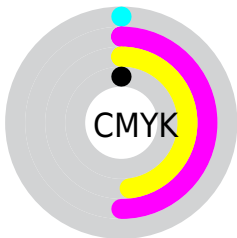
Blue (52%)



Red (100%)

Yellow (49%)

Blue (52%)

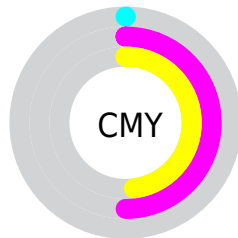


Cyan (0%)

Magenta (50%)

Yellow (48%)

Black (0%)



Cyan (0%)

Magenta (50%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 53.423, 22.029 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, 53.423, 22.029 by changing the saturation by 10% instead.

68, 53.423, 22.029

68, 53.423, 22.029

100, 53.423,
22.029

58, 53.423, 22.029

88, 53.423, 22.029

48, 53.423, 22.029

98, 53.423, 22.029

38, 53.423, 22.029

28, 53.423, 22.029

18, 53.423, 22.029

8, 53.423, 22.029

0, 53.423, 22.029

68, 53.423, 22.029

68, 53.423, 22.029

63, 65.076, 24.577

74, 41.641, 20.018

■ 59, 76.563, 27.810

■ 80, 30.384, 18.471

■ 56, 87.304, 31.667

■ 86, 19.719, 17.258

■ 54, 96.598, 35.733

■ 93, 9.732, 16.276

■ 53, 102.806,
38.741

■ 100, 0.438, 14.088

■ 100, 0.012,
296.813

Harmonies

Complementary

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



68, 53.423, 22.029



93, 37.948, 192.358

Rectangle

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



68, 53.423, 22.029



68, 53.423, 72.029



68, 53.423, 202.029



68, 53.423, 252.029

Sweetspot

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



68, 53.305, 22.011



90, 14.153, 16.698



71, 77.648, 325.570



46, 9.730, 16.906



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, 53.305, 22.011



63, 65.675, 24.726



80, 43.853, 64.015



49, 5.257, 16.187



40, 82.257, 38.233



10, 32.992, 25.314

Inverse Universe

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



68, 53.305, 22.011



63, 65.675, 24.726



77, 35.936, 259.309



49, 5.257, 16.187



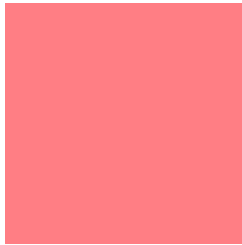
40, 82.257, 38.233



10, 32.992, 25.314

Previews

White Background



This preview shows how the CIELCh color 68, 53.423, 22.029 looks on a white background.

Color Contrast Check

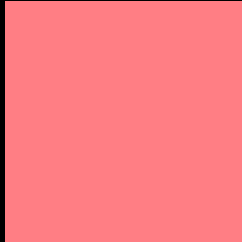
Large Text (above 18pt) WCAG AA × Fail

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, 53.423, 22.029 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, 53.423, 22.029

Background



This preview shows how black text looks on a background with the CIELCh color 68, 53.423, 22.029.

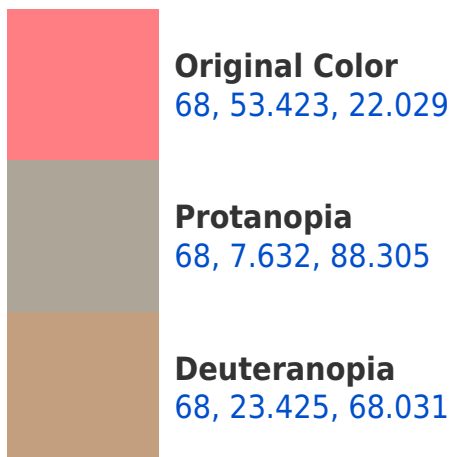


This preview shows how white text looks on a background with the CIELCh color 68, 53.423, 22.029.

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](#).

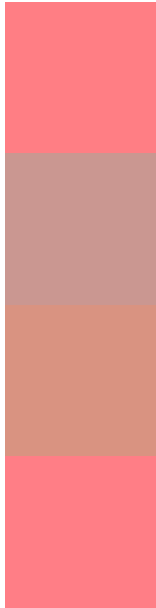
Dichromacy





Tritanopia
68, 53.100, 20.317

Trichromacy



Original Color
68, 53.423, 22.029

Protanomaly
67, 21.130, 30.181

Deuteranomaly
67, 31.614, 39.882

Tritanomaly
68, 53.202, 20.890

Monochromacy



Original Color
68, 53.423, 22.029

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 18.802, 17.884

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 53.423, 22.029 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, 126, 132)` looks like.

```
.text, #text, p{  
    color:rgb(255, 126, 132)  
}
```

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, 126, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 126, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 53.423, 22.029 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, 126, 132) }
```

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

```
.border{ border-color:rgb(255, 126, 132) }
```

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

Here you see how a box with a 4 pixel rgb(255, 126, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 126, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 126, 132);  
box-shadow:4px 4px 4px 4px rgb(255, 126,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 53.423, 22.029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 126, 132) }
```

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

```
.background{ background-color: rgb(255,  
126, 132) }
```

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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