

Converting Colors

CIELCh(69, 48.391, 21.178)

Have a look what the booklet for
CIELCh(69, 48.391, 21.178) contains.

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Color

CIELCh(69, 48.173, 21.443)

Conversions

Conversions Part 1

Format	Color
Hex	FB868B
RGB	251, 134, 139
RGB Percent	98%, 53%, 55%
CMY	0.0164, 0.4751, 0.4555
CMYK	0.00, 0.47, 0.45, 0.02
HSL	357°, 93%, 75%
HSV	357°, 47%, 98%
XYZ	52.8743, 39.3444, 29.1771
YIQ	169.5530, 68.1270, 26.3590

Conversions

Conversions Part 2

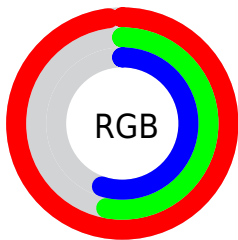
Format	Color
R _Y B	251, 134, 139
Decimal	16483979
CIE Lab	69.00, 44.84, 17.61
CIE LCh	69, 48.173, 21.443
Yxy	39.3444, 0.4356, 0.3241
Android (android.graphics.Color)	4294674059 (0xFFFB868B)
YUV	169.5530, -15.0626, 71.4290
Hunter-Lab	62.7251, 40.6980, 16.3284

Details

The CIELCh color **69, 48.173, 21.443** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **92, 35.230, 192.956**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 25.393, 17.953**, and **49, 48.282, 21.592** is the 20% darker color. If you saturate the color by 10%, you get **64, 59.819, 23.765**, and if you desaturate by 10%, it is **75, 36.766, 19.649**.

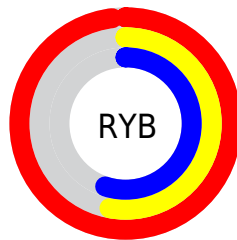
Distribution



Red (98%)

Green (53%)

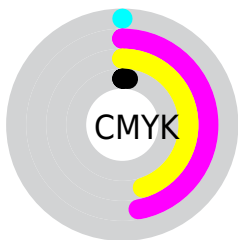
Blue (55%)



Red (98%)

Yellow (53%)

Blue (55%)

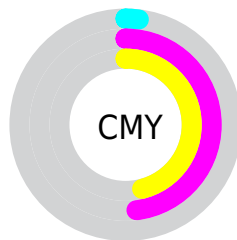


Cyan (0%)

Magenta (47%)

Yellow (45%)

Black (2%)



Cyan (2%)

Magenta (48%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 48.173, 21.443 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 69, 48.173, 21.443 by changing the saturation by 10% instead.

69, 48.173, 21.443

69, 48.173, 21.443

100, 48.173,
21.443

59, 48.173, 21.443

89, 48.173, 21.443

49, 48.173, 21.443

99, 48.173, 21.443

39, 48.173, 21.443

29, 48.173, 21.443

19, 48.173, 21.443

9, 48.173, 21.443

0, 48.173, 21.443

69, 48.173, 21.443

69, 48.173, 21.443

64, 59.819, 23.765

75, 36.766, 19.649

■ 59, 71.356, 26.720

■ 81, 25.855, 18.253

■ 56, 82.354, 30.338

■ 87, 15.578, 17.150

■ 54, 92.242, 34.374

■ 94, 5.988, 16.223

■ 53, 99.841, 38.009

■ 100, 1.450,
199.770

■ 52, 101.636,
38.822

Harmonies

Complementary

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



69, 48.173, 21.443



92, 35.230, 192.956

Rectangle

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



69, 48.173, 21.443



69, 48.173, 71.443



69, 48.173, 201.443



69, 48.173, 251.443

Sweetspot

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



69, 48.170, 21.446



90, 13.160, 16.897



72, 71.316, 325.411



47, 9.158, 17.104



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 48.170, 21.446



65, 59.879, 23.613



80, 39.546, 64.453



49, 5.169, 16.483



39, 81.552, 38.341



9, 31.887, 24.427

Inverse Universe

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



69, 48.170, 21.446



65, 59.879, 23.613



78, 32.962, 258.224



49, 5.169, 16.483



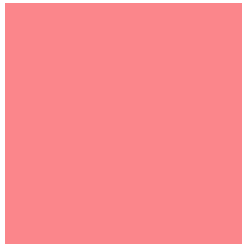
39, 81.552, 38.341



9, 31.887, 24.427

Previews

White Background



This preview shows how the CIELCh color 69, 48.173, 21.443 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 69, 48.173, 21.443 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 69, 48.173, 21.443

Background



This preview shows how black text looks on a background with the CIELCh color 69, 48.173, 21.443.



This preview shows how white text looks on a background with the CIELCh color 69, 48.173, 21.443.

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

69, 48.173, 21.443

Protanopia

69, 7.096, 86.835

Deuteranopia

69, 21.321, 65.564



Tritanopia
69, 48.202, 18.402

Trichromacy



Original Color
69, 48.173, 21.443



Protanomaly
69, 19.335, 30.768



Deuteranomaly
69, 28.833, 39.126



Tritanomaly
69, 48.357, 19.669

Monochromacy



Original Color
69, 48.173, 21.443



Achromatopsia
69, 0.009, 296.813



Achromatomaly
68, 17.055, 17.340

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 48.173, 21.443 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(251, 134, 139)` looks like.

```
.text, #text, p{  
    color:rgb(251, 134, 139)  
}
```

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(251, 134, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 134, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 48.173, 21.443 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(251, 134, 139) }
```

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

```
.border{ border-color:rgb(251, 134, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 134, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 134, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 134, 139);  
box-shadow:4px 4px 4px 4px rgb(251, 134,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 48.173, 21.443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 134, 139) }
```

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

```
.background{ background-color: rgb(251,  
134, 139) }
```

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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