

Converting Colors

CIELCh(69, 51.971, 21.616)

Have a look what the booklet for
CIELCh(69, 51.971, 21.616) contains.

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Color

CIELCh(69, 51.557, 21.571)

Conversions

Conversions Part 1

Format	Color
Hex	FF8389
RGB	255, 131, 137
RGB Percent	100%, 51%, 54%
CMY	0.0000, 0.4875, 0.4642
CMYK	0.00, 0.49, 0.46, 0.00
HSL	357°, 100%, 76%
HSV	357°, 49%, 100%
XYZ	54.0820, 39.3444, 28.2740
YIQ	168.7600, 71.9780, 28.1540

Conversions

Conversions Part 2

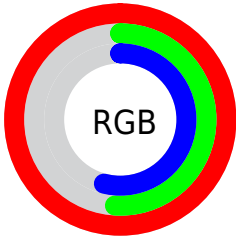
Format	Color
R_{YB}	255, 131, 137
Decimal	16745353
CIE _{Lab}	69.00, 47.95, 18.96
CIE _{LCh}	69, 51.557, 21.571
Yxy	39.3444, 0.4444, 0.3233
Android (android.graphics.Color)	4294935433 (0xFFFF8389)
YUV	168.7600, -15.6577, 75.6325
Hunter-Lab	62.7251, 44.1351, 17.1820

Details

The CIELCh color **69, 51.557, 21.571** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 37.006, 192.311**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **82, 26.637, 17.130**, and **49, 51.191, 21.413** is the 20% darker color. If you saturate the color by 10%, you get **64, 63.009, 23.978**, and if you desaturate by 10%, it is **75, 39.644, 19.608**.

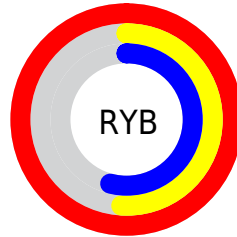
Distribution



Red (100%)

Green (51%)

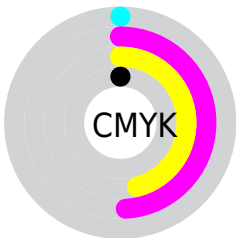
Blue (54%)



Red (100%)

Yellow (51%)

Blue (54%)

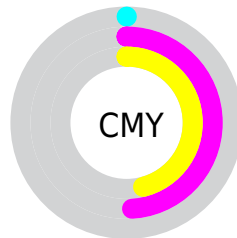


Cyan (0%)

Magenta (49%)

Yellow (46%)

Black (0%)



Cyan (0%)

Magenta (49%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 51.557, 21.571 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, 51.557, 21.571 by changing the saturation by 10% instead.

69, 51.557, 21.571

69, 51.557, 21.571

100, 51.557,
21.571

59, 51.557, 21.571

89, 51.557, 21.571

49, 51.557, 21.571

99, 51.557, 21.571

39, 51.557, 21.571

29, 51.557, 21.571

19, 51.557, 21.571

9, 51.557, 21.571

0, 51.557, 21.571

69, 51.557, 21.571

69, 51.557, 21.571

64, 63.009, 23.978

75, 39.644, 19.608

■ 60, 74.557, 27.096

■ 81, 28.486, 18.124

■ 56, 85.445, 30.868

■ 87, 17.938, 16.956

■ 54, 95.056, 34.969

■ 94, 8.073, 15.997

■ 53, 102.103,
38.418

100, 0.012,
296.813

■ 53, 102.747,
38.697

Harmonies

Complementary

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



69, 51.557, 21.571



93, 37.006, 192.311

Rectangle

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



69, 51.557, 21.571



69, 51.557, 71.571



69, 51.557, 201.571



69, 51.557, 251.571

Sweetspot

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



69, 51.246, 21.518



90, 14.153, 16.578



72, 75.255, 325.501



46, 9.730, 16.787



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, 51.246, 21.518



64, 63.298, 24.047



81, 42.149, 64.210



49, 5.257, 16.065



40, 82.199, 38.179



10, 32.980, 25.253

Inverse Universe

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



69, 51.246, 21.518



64, 63.298, 24.047



78, 34.802, 258.817



49, 5.257, 16.065



40, 82.199, 38.179



10, 32.980, 25.253

Previews

White Background



This preview shows how the CIELCh color 69, 51.557, 21.571 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, 51.557, 21.571 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, 51.557, 21.571

Background



This preview shows how black text looks on a background with the CIELCh color 69, 51.557, 21.571.

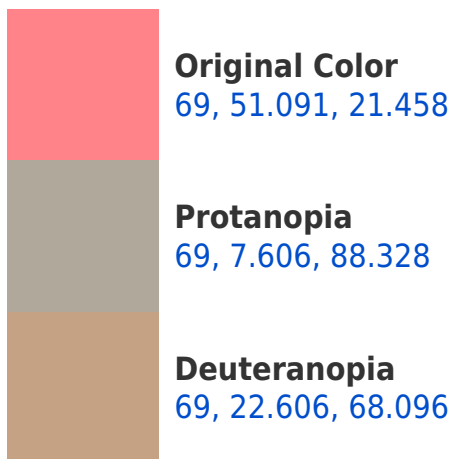


This preview shows how white text looks on a background with the CIELCh color 69, 51.557, 21.571.

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
69, 51.173, 19.201

Trichromacy



Original Color
69, 51.091, 21.458



Protanomaly
68, 20.626, 30.301



Deuteranomaly
69, 30.189, 40.529



Tritanomaly
69, 51.260, 19.797

Monochromacy



Original Color
69, 51.091, 21.458



Achromatopsia
69, 0.009, 296.813



Achromatomaly
68, 17.889, 17.600

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 51.557, 21.571 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, 131, 137)` looks like.

```
.text, #text, p{  
    color:rgb(255, 131, 137)  
}
```

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, 131, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 131, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 51.557, 21.571 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, 131, 137) }
```

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

```
.border{ border-color:rgb(255, 131, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 131, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 131, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 131, 137);  
box-shadow:4px 4px 4px 4px rgb(255, 131,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 51.557, 21.571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 131, 137) }
```

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

```
.background{ background-color: rgb(255,  
131, 137) }
```

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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