

Converting Colors

CIELCh(83, 88.686, 24.311)

Have a look what the booklet for
CIELCh(83, 88.686, 24.311) contains.

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Color

CIELCh(69, 51.728, 16.515)

Conversions

Conversions Part 1

Format	Color
Hex	FF8190
RGB	255, 129, 144
RGB Percent	100%, 51%, 56%
CMY	0.0000, 0.4929, 0.4343
CMYK	0.00, 0.49, 0.43, 0.00
HSL	353°, 100%, 75%
HSV	353°, 49%, 100%
XYZ	54.7299, 39.3444, 31.1948
YIQ	168.3840, 70.2810, 31.3770

Conversions

Conversions Part 2

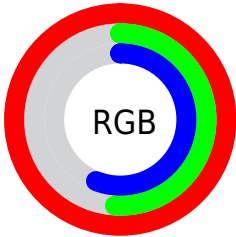
Format	Color
RYB	255, 129, 144
Decimal	16744848
CIELab	69.00, 49.59, 14.70
CIElCh	69, 51.728, 16.515
Yxy	39.3444, 0.4369, 0.3141
Android (android.graphics.Color)	4294934928 (0xFFFF8190)
YUV	168.3840, -12.0213, 75.9622
Hunter-Lab	62.7251, 45.9787, 14.4211

Details

The CIELCh color **69, 51.728, 16.515** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 38.791, 185.437**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **82, 27.806, 6.539**, and **49, 51.166, 16.124** is the 20% darker color. If you saturate the color by 10%, you get **64, 62.252, 18.915**, and if you desaturate by 10%, it is **74, 39.968, 14.326**.

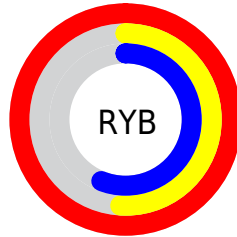
Distribution



Red (100%)

Green (51%)

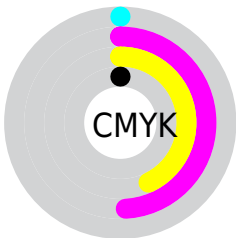
Blue (56%)



Red (100%)

Yellow (51%)

Blue (56%)

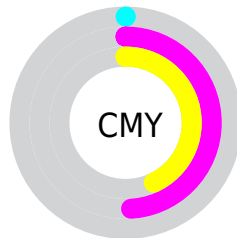


Cyan (0%)

Magenta (49%)

Yellow (43%)

Black (0%)



Cyan (0%)

Magenta (49%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 51.728, 16.515 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, 51.728, 16.515 by changing the saturation by 10% instead.

 69, 51.728, 16.515  69, 51.728, 16.515

 100, 51.728,
16.515  59, 51.728, 16.515

 89, 51.728, 16.515  49, 51.728, 16.515

 99, 51.728, 16.515  39, 51.728, 16.515

 29, 51.728, 16.515

 19, 51.728, 16.515

 9, 51.728, 16.515

 0, 51.728, 16.515

 69, 51.728, 16.515  69, 51.728, 16.515

 64, 62.252, 18.915  74, 39.968, 14.326

■ 60, 72.898, 22.178

■ 81, 29.040, 12.730

■ 56, 82.708, 26.209

■ 87, 18.570, 11.442

■ 54, 91.395, 30.867

■ 94, 8.665, 10.362

■ 53, 98.621, 35.496

100, 0.012,
296.813

■ 53, 99.087, 35.775

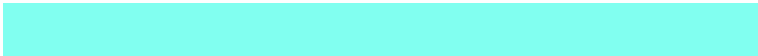
Harmonies

Complementary

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



69, 51.728, 16.515



93, 38.791, 185.437

Rectangle

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



69, 51.728, 16.515



69, 51.728, 66.515



69, 51.728, 196.515



69, 51.728, 246.515

Sweetspot

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



69, 51.145, 16.343



90, 14.250, 10.960



70, 74.943, 322.977



46, 9.787, 11.193



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, 51.145, 16.343



64, 61.937, 18.831



78, 42.722, 55.680



50, 5.308, 10.385



40, 79.059, 34.950



10, 32.475, 22.331

Inverse Universe

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



69, 51.145, 16.343



64, 61.937, 18.831



80, 32.496, 247.825



50, 5.308, 10.385



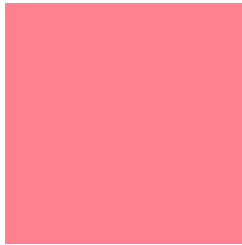
40, 79.059, 34.950



10, 32.475, 22.331

Previews

White Background



This preview shows how the CIELCh color 69, 51.728, 16.515 looks on a white background.

Color Contrast Check

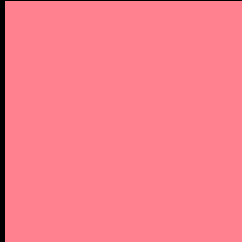
Large Text (above 18pt) WCAG AA × Fail

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, 51.728, 16.515 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, 51.728, 16.515

Background



This preview shows how black text looks on a background with the CIELCh color 69, 51.728, 16.515.



This preview shows how white text looks on a background with the CIELCh color 69, 51.728, 16.515.

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, 51.282, 16.354

Protanopia

69, 2.655, 74.742

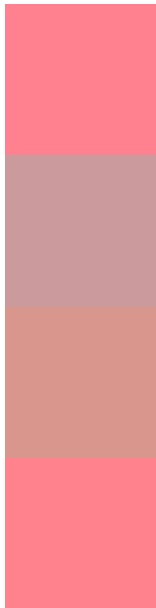
Deuteranopia

69, 18.660, 62.208



Tritanopia
69, 51.260, 19.797

Trichromacy



Original Color
69, 51.282, 16.354

Protanomaly
68, 19.124, 16.334

Deuteranomaly
68, 28.303, 31.808

Tritanomaly
69, 51.093, 18.603

Monochromacy



Original Color
69, 51.282, 16.354

Achromatopsia
69, 0.009, 296.813

Achromatomaly
68, 17.928, 12.388

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 51.728, 16.515 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, 129, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 129, 144)  
}
```

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, 129, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 129, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 51.728, 16.515 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, 129, 144) }
```

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

```
.border{ border-color:rgb(255, 129, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 129, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 129, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 129, 144); box-shadow:4px 4px 4px 4px rgb(255, 129, 144) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 51.728, 16.515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 129, 144) }
```

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

```
.background{ background-color: rgb(255,  
129, 144) }
```

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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