

Converting Colors

CIELCh(69, 49.929, 24.661)

Have a look what the booklet for
CIELCh(69, 49.929, 24.661) contains.

CIELCh(69, 50.063, 24.715)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(69, 50.063, 24.715)

Conversions

Conversions Part 1

Format	Color
Hex	FD8585
RGB	253, 133, 133
RGB Percent	99%, 52%, 52%
CMY	0.0079, 0.4785, 0.4785
CMYK	0.00, 0.47, 0.47, 0.01
HSL	0°, 97%, 76%
HSV	0°, 47%, 99%
XYZ	53.1210, 39.3444, 26.9804
YIQ	168.8800, 71.5200, 25.4400

Conversions

Conversions Part 2

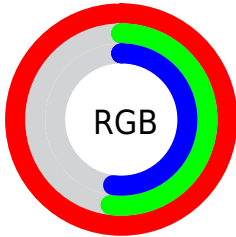
Format	Color
R _Y B	253, 133, 133
Decimal	16614789
CIE Lab	69.00, 45.48, 20.93
CIE LCh	69, 50.063, 24.715
Yxy	39.3444, 0.4447, 0.3294
Android (android.graphics.Color)	4294804869 (0xFFFD8585)
YUV	168.8800, -17.6888, 73.7732
Hunter-Lab	62.7251, 41.4001, 18.4048

Details

The CIELCh color **69, 50.063, 24.715** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 35.346, 197.240**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **82, 26.078, 23.783**, and **49, 49.789, 24.471** is the 20% darker color. If you saturate the color by 10%, you get **64, 62.210, 26.990**, and if you desaturate by 10%, it is **75, 38.250, 22.973**.

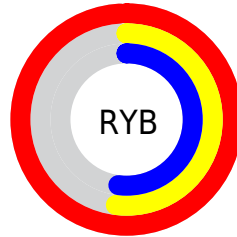
Distribution



Red (99%)

Green (52%)

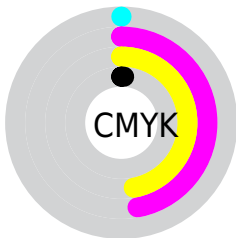
Blue (52%)



Red (99%)

Yellow (52%)

Blue (52%)

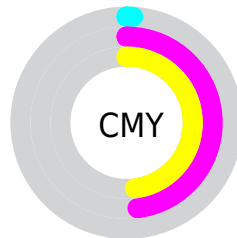


Cyan (0%)

Magenta (47%)

Yellow (47%)

Black (1%)



Cyan (1%)

Magenta (48%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 50.063, 24.715 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, 50.063, 24.715 by changing the saturation by 10% instead.

69, 50.063, 24.715

69, 50.063, 24.715

100, 50.063,
24.715

59, 50.063, 24.715

89, 50.063, 24.715

49, 50.063, 24.715

99, 50.063, 24.715

39, 50.063, 24.715

29, 50.063, 24.715

19, 50.063, 24.715

9, 50.063, 24.715

0, 50.063, 24.715

69, 50.063, 24.715

69, 50.063, 24.715

64, 62.210, 26.990

75, 38.250, 22.973

■ 60, 74.327, 29.876

■ 81, 27.025, 21.641

■ 56, 85.890, 33.323

■ 87, 16.518, 20.614

■ 54, 95.977, 36.893

■ 94, 6.767, 19.780

■ 53, 102.637,
39.478

100, 0.701,
200.307

■ 53, 103.948,
40.000

Harmonies

Complementary

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



69, 50.063, 24.715



93, 35.346, 197.240

Rectangle

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



69, 50.063, 24.715



69, 50.063, 74.715



69, 50.063, 204.715



69, 50.063, 254.715

Sweetspot

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



69, 50.060, 24.718



90, 13.171, 20.315



73, 73.629, 326.946



47, 9.171, 20.501



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, 50.060, 24.718



65, 62.084, 26.886



82, 41.046, 69.421



49, 5.254, 19.947



40, 84.229, 40.001



10, 33.366, 27.178

Inverse Universe

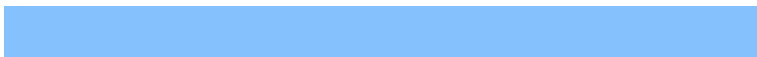
The Inverse Universe completely reimagines the original color for something new.



93, 35.346, 197.240



93, 40.424, 196.953



76, 35.720, 264.338



52, 4.945, 198.967



70, 40.362, 196.393



24, 18.569, 196.393

Previews

White Background



This preview shows how the CIELCh color 69, 50.063, 24.715 looks on a white background.

Color Contrast Check

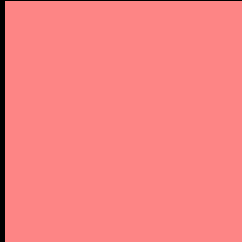
Large Text (above 18pt) WCAG AA × Fail

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, 50.063, 24.715 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, 50.063, 24.715

Background



This preview shows how black text looks on a background with the CIELCh color 69, 50.063, 24.715.

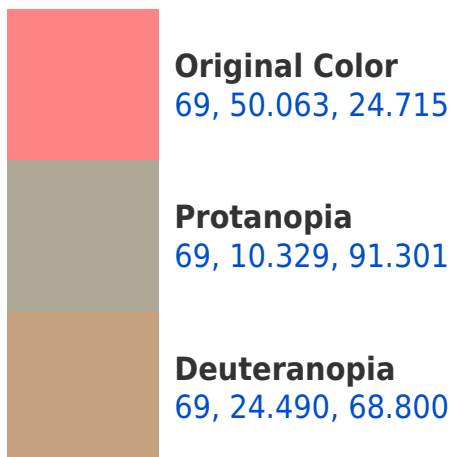


This preview shows how white text looks on a background with the CIELCh color 69, 50.063, 24.715.

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, 49.940, 19.447

Trichromacy



Original Color
69, 50.063, 24.715

Protanomaly
68, 21.078, 37.550

Deuteranomaly
69, 31.389, 42.894

Tritanomaly
69, 50.221, 21.269

Monochromacy



Original Color
69, 50.063, 24.715

Achromatopsia
69, 0.009, 296.813

Achromatomaly
68, 17.518, 21.018

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 50.063, 24.715 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(253, 133, 133)` looks like.

```
.text, #text, p{  
    color:rgb(253, 133, 133)  
}
```

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(253, 133, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 133, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 50.063, 24.715 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(253, 133, 133) }
```

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

```
.border{ border-color:rgb(253, 133, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 133, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 133, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 133, 133);  
box-shadow:4px 4px 4px 4px rgb(253, 133,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 50.063, 24.715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 133, 133) }
```

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

```
.background{ background-color: rgb(253,  
133, 133) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor