

Converting Colors

CIELCh(75, 36.750, 14.939)

Have a look what the booklet for
CIELCh(75, 36.750, 14.939) contains.

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Color

CIELCh(75, 36.586, 14.638)

Conversions

Conversions Part 1

Format	Color
Hex	FB9FA9
RGB	251, 159, 169
RGB Percent	98%, 62%, 66%
CMY	0.0149, 0.3757, 0.3365
CMYK	0.00, 0.37, 0.33, 0.01
HSL	353°, 92%, 80%
HSV	353°, 37%, 99%
XYZ	59.4652, 48.2781, 43.8105
YIQ	187.6480, 51.6220, 22.6140

Conversions

Conversions Part 2

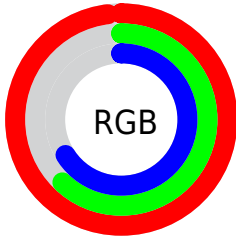
Format	Color
R _Y B	251, 159, 169
Decimal	16490409
CIE Lab	75.00, 35.40, 9.25
CIE LCh	75, 36.586, 14.638
Yxy	48.2781, 0.3924, 0.3186
Android (android.graphics.Color)	4294680489 (0xFFFB9FA9)
YUV	187.6480, -9.1935, 55.5597
Hunter-Lab	69.4824, 31.1715, 11.2538

Details

The CIELCh color **75, 36.586, 14.638** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 29.834, 187.499**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 15.350, 2.902**, and **55, 36.541, 14.534** is the 20% darker color. If you saturate the color by 10%, you get **69, 47.634, 16.524**, and if you desaturate by 10%, it is **81, 25.869, 13.149**.

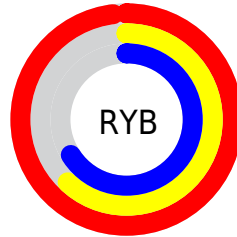
Distribution



Red (98%)

Green (62%)

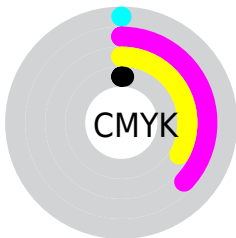
Blue (66%)



Red (98%)

Yellow (62%)

Blue (66%)

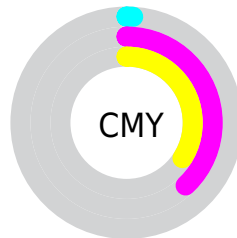


Cyan (0%)

Magenta (37%)

Yellow (33%)

Black (1%)



Cyan (1%)

Magenta (38%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 36.586, 14.638 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 75, 36.586, 14.638 by changing the saturation by 10% instead.

75, 36.586, 14.638

75, 36.586, 14.638

100, 36.586,
14.638

65, 36.586, 14.638

95, 36.586, 14.638

55, 36.586, 14.638

45, 36.586, 14.638

35, 36.586, 14.638

25, 36.586, 14.638

15, 36.586, 14.638

5, 36.586, 14.638

0, 36.586, 14.638

75, 36.586, 14.638

75, 36.586, 14.638

69, 47.634, 16.524

81, 25.869, 13.149

64, 58.740, 18.924

88, 15.662, 11.940

60, 69.532, 21.980

94, 6.044, 10.902

56, 79.623, 25.785

100, 1.319,
199.824

54, 88.687, 30.259

53, 96.315, 34.914

53, 98.530, 36.261

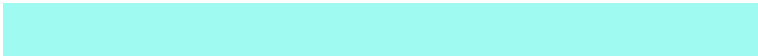
Harmonies

Complementary

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



75, 36.586, 14.638



93, 29.834, 187.499

Rectangle

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



75, 36.586, 14.638



75, 36.586, 64.638



75, 36.586, 194.638



75, 36.586, 244.638

Sweetspot

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



75, 36.583, 14.642



93, 10.299, 11.348



76, 55.947, 322.975



48, 6.951, 11.487



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 36.583, 14.642



72, 45.261, 15.992



83, 29.982, 58.416



49, 5.210, 11.194



39, 78.731, 35.464



9, 31.468, 21.728

Inverse Universe

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



75, 36.583, 14.642



72, 45.261, 15.992



84, 24.963, 247.192



49, 5.210, 11.194



39, 78.731, 35.464



9, 31.468, 21.728

Previews

White Background



This preview shows how the CIELCh color 75, 36.586, 14.638 looks on a white background.

Color Contrast Check

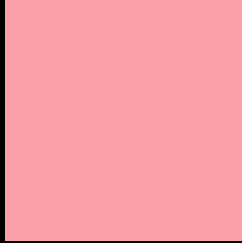
Large Text (above 18pt) WCAG AA × Fail

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 75, 36.586, 14.638 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 75, 36.586, 14.638

Background



This preview shows how black text looks on a background with the CIELCh color 75, 36.586, 14.638.

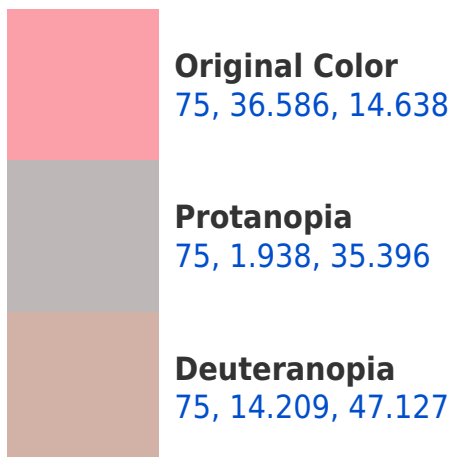


This preview shows how white text looks on a background with the CIELCh color 75, 36.586, 14.638.

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
75, 36.582, 12.977

Trichromacy



Original Color

75, 36.586, 14.638



Protanomaly

75, 14.314, 14.181



Deuteranomaly

75, 21.526, 26.885



Tritanomaly

75, 36.580, 13.808

Monochromacy



Original Color

75, 36.586, 14.638



Achromatopsia

76, 0.009, 296.813



Achromatomaly

75, 12.712, 13.212

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 36.586, 14.638 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, 159, 169)` looks like.

```
.text, #text, p{  
    color:rgb(251, 159, 169)  
}
```

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, 159, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 159, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 36.586, 14.638 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, 159, 169) }
```

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

```
.border{ border-color:rgb(251, 159, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 159, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 159, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 159, 169);  
box-shadow:4px 4px 4px 4px rgb(251, 159,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 36.586, 14.638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 159, 169) }
```

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

```
.background{ background-color: rgb(251,  
159, 169) }
```

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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