

# Converting Colors

CIELCh(75, 62.917, 326.614)

Have a look what the booklet for  
CIELCh(75, 62.917, 326.614)  
contains.

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**Color**

**CIELCh(75, 62.906, 326.619)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F994F9
RGB	249, 148, 249
RGB Percent	98%, 58%, 98%
CMY	0.0227, 0.4188, 0.0227
CMYK	0.00, 0.41, 0.00, 0.02
HSL	300°, 90%, 78%
HSV	300°, 41%, 98%
XYZ	66.9013, 48.2781, 95.5936
YIQ	189.7130, 27.7750, 52.8230

# Conversions

## Conversions Part 2

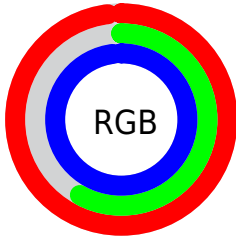
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	249, 148, 249
Decimal	16356601
CIE Lab	75.00, 52.53, -34.61
CIE LCh	75, 62.906, 326.619
Yxy	48.2781, 0.3174, 0.2291
Android (android.graphics.Color)	4294546681 (0xFFFF994F9)
YUV	189.7130, 29.2285, 51.9947
Hunter-Lab	69.4824, 50.2747, -32.9331

# Details

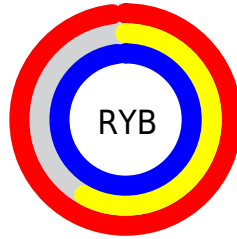
The CIELCh color **75, 62.906, 326.619** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **90, 63.045, 141.315**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 31.983, 325.537**, and **55, 62.824, 326.763** is the 20% darker color. If you saturate the color by 10%, you get **70, 76.955, 327.084**, and if you desaturate by 10%, it is **80, 47.830, 326.108**.

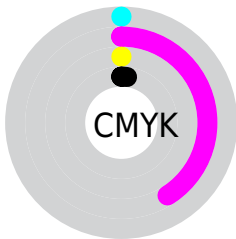
# Distribution



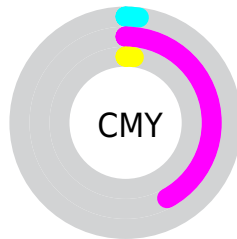
- Red (98%)
- Green (58%)
- Blue (98%)



- Red (98%)
- Yellow (58%)
- Blue (98%)



- Cyan (0%)
- Magenta (41%)
- Yellow (0%)
- Black (2%)




- Cyan (2%)
- Magenta (42%)
- Yellow (2%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 62.906, 326.619 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, 62.906, 326.619 by changing the saturation by 10% instead.





 75, 62.906,  
326.619


 75, 62.906,  
326.619


 100, 62.906,  
326.619


 65, 62.906,  
326.619


 95, 62.906,  
326.619

 55, 62.906,  
326.619

 45, 62.906,  
326.619

 35, 62.906,  
326.619

 25, 62.906,  
326.619

 15, 62.906,  
326.619

 5, 62.906, 326.619

0, 62.906, 326.619

75, 62.906,  
326.619

75, 62.906,  
326.619

70, 76.955,  
327.084

80, 47.830,  
326.108

66, 89.393,  
327.485

86, 32.229,  
325.567

63, 99.603,  
327.807

92, 16.475,  
325.006

61, 107.082,  
328.037

98, 0.834, 324.108

60, 111.612,  
328.175

99, 3.575, 144.406

99, 3.575, 144.412

59, 113.574,  
328.234

99, 3.574, 144.417

99, 3.574, 144.423

99, 3.573, 144.428

# Harmonies

# Complementary

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



75, 62.906, 326.619



90, 63.045, 141.315

# Rectangle

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



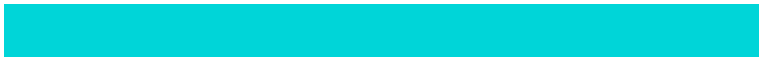
75, 62.906, 326.619



75, 62.906, 16.619



75, 62.906, 146.619



75, 62.906, 196.619

# Sweetspot

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



75, 62.903, 326.619



93, 19.140, 325.091



65, 56.063, 295.717



48, 12.703, 325.165



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, 62.903, 326.619



73, 76.286, 327.019



73, 45.386, 347.751



49, 8.908, 324.947



45, 92.153, 328.234



12, 41.694, 328.234



# Inverse Universe

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



75, 62.903, 326.619



73, 76.286, 327.019



91, 43.255, 159.584



49, 8.908, 324.947



45, 92.153, 328.234



12, 41.694, 328.234



# Previews

## White Background



This preview shows how the CIELCh color 75, 62.906, 326.619 looks on a white background.

## Color Contrast Check

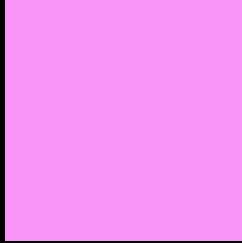
Large Text (above 18pt) WCAG AA × Fail

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, 62.906, 326.619 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

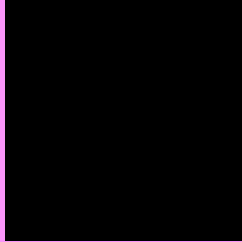
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

**CIELCh 75, 62.906, 326.619**

## **Background**



This preview shows how black text looks on a background with the CIELCh color 75, 62.906, 326.619.

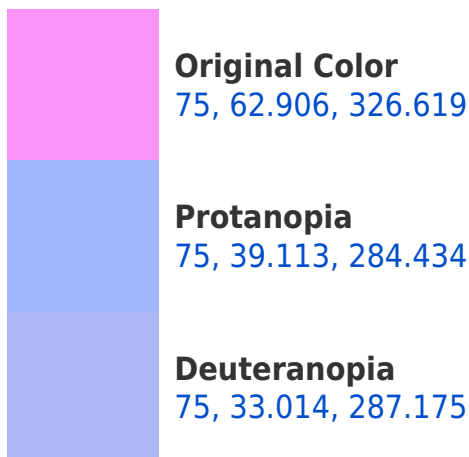


This preview shows how white text looks on a background with the CIELCh color 75, 62.906, 326.619.

# 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, 30.169, 10.068

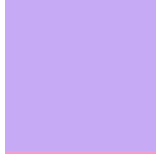
# Trichromacy



**Original Color**  
75, 62.906, 326.619



**Protanomaly**  
74, 45.749, 303.742



**Deuteranomaly**  
74, 41.858, 306.810



**Tritanomaly**  
75, 39.113, 345.372

# Monochromacy



**Original Color**  
75, 62.906, 326.619



**Achromatopsia**  
77, 0.009, 296.813



**Achromatomaly**  
76, 24.013, 325.386

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 75, 62.906, 326.619 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(249, 148, 249)` looks like.

```
.text, #text, p{  
    color:rgb(249, 148, 249)  
}
```

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(249, 148, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 148, 249) }
```

## Border

The CSS property to change the border of an element to CIELCh 75, 62.906, 326.619 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(249, 148, 249) }
```

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

```
.border{ border-color:rgb(249, 148, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 148, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 148, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 148, 249);  
box-shadow:4px 4px 4px 4px rgb(249, 148,  
249) }
```

# Background

The CSS property to change the background color of an element to CIELCh 75, 62.906, 326.619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 148, 249) }
```

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

```
.background{ background-color: rgb(249,  
148, 249) }
```

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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