

Converting Colors

CIELCh(75, 59.315, 332.961)

Have a look what the booklet for
CIELCh(75, 59.315, 332.961)
contains.

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Color

CIELCh(75, 58.957, 332.778)

Conversions

Conversions Part 1

Format	Color
Hex	FF93EB
RGB	255, 147, 235
RGB Percent	100%, 58%, 92%
CMY	0.0000, 0.4225, 0.0774
CMYK	0.00, 0.42, 0.08, 0.00
HSL	311°, 100%, 79%
HSV	311°, 42%, 100%
XYZ	66.8555, 48.2781, 84.6005
YIQ	189.3240, 36.1200, 50.2640

Conversions

Conversions Part 2

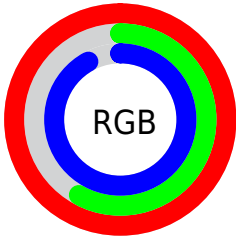
Format	Color
R _Y B	255, 147, 235
Decimal	16749547
CIE Lab	75.00, 52.43, -26.97
CIE LCh	75, 58.957, 332.778
Yxy	48.2781, 0.3347, 0.2417
Android (android.graphics.Color)	4294939627 (0xFFFF93EB)
YUV	189.3240, 22.5183, 57.5979
Hunter-Lab	69.4824, 50.1571, -23.5527

Details

The CIELCh color **75, 58.957, 332.778** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **92, 58.855, 146.373**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 32.611, 325.559**, and **55, 58.779, 332.657** is the 20% darker color. If you saturate the color by 10%, you get **70, 71.392, 333.392**, and if you desaturate by 10%, it is **80, 45.401, 332.008**.

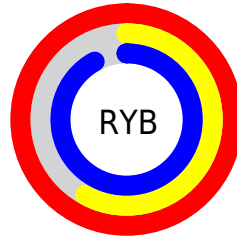
Distribution



Red (100%)

Green (58%)

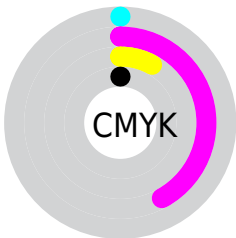
Blue (92%)



Red (100%)

Yellow (58%)

Blue (92%)

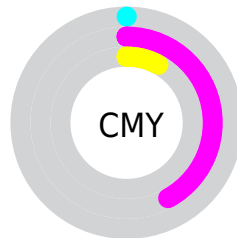


Cyan (0%)

Magenta (42%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 58.957, 332.778 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, 58.957, 332.778 by changing the saturation by 10% instead.


 75, 58.957,
332.778


 75, 58.957,
332.778


 100, 58.957,
332.778


 65, 58.957,
332.778


 95, 58.957,
332.778

 55, 58.957,
332.778

 45, 58.957,
332.778

 35, 58.957,
332.778

 25, 58.957,
332.778

 15, 58.957,
332.778

 5, 58.957, 332.778

■ 0, 58.957, 332.778

■ 75, 58.957,
332.778

■ 75, 58.957,
332.778

■ 70, 71.392,
333.392

■ 80, 45.401,
332.008

■ 66, 82.267,
334.114

■ 86, 31.384,
331.340

■ 62, 90.882,
334.870

■ 92, 17.214,
330.685

■ 60, 96.703,
335.683

■ 99, 3.141, 329.967

■ 59, 99.503,
336.585

100, 0.012,
296.813

■ 58, 99.948,
337.358

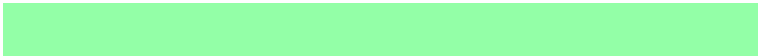
Harmonies

Complementary

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



75, 58.957, 332.778



92, 58.855, 146.373

Rectangle

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



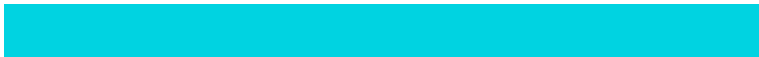
75, 58.957, 332.778



75, 58.957, 22.778



75, 58.957, 152.778



75, 58.957, 202.778

Sweetspot

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



75, 58.902, 332.691



92, 18.280, 330.734



67, 59.881, 300.867



48, 12.806, 330.878



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, 58.902, 332.691



71, 69.910, 333.303



73, 44.640, 358.895



50, 7.978, 330.506



44, 80.696, 337.170



11, 37.751, 335.900

Inverse Universe

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



75, 58.902, 332.691



71, 69.910, 333.303



93, 39.910, 169.203



50, 7.978, 330.506



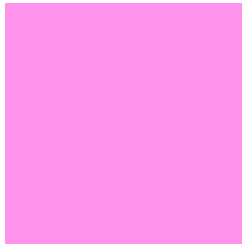
44, 80.696, 337.170



11, 37.751, 335.900

Previews

White Background



This preview shows how the CIELCh color 75, 58.957, 332.778 looks on a white background.

Color Contrast Check

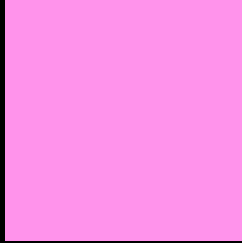
Large Text (above 18pt) WCAG AA × Fail

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, 58.957, 332.778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

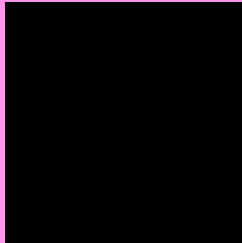
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 58.957, 332.778

Background



This preview shows how black text looks on a background with the CIELCh color 75, 58.957, 332.778.



This preview shows how white text looks on a background with the CIELCh color 75, 58.957, 332.778.

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
75, 58.957, 332.778

Protanopia
75, 39.077, 284.852

Deuteranopia
75, 25.944, 291.847



Tritanopia
75, 34.978, 12.326

Trichromacy



Original Color
75, 58.957, 332.778



Protanomaly
74, 43.234, 305.094



Deuteranomaly
74, 36.097, 314.087



Tritanomaly
75, 41.274, 352.604

Monochromacy



Original Color
75, 58.957, 332.778



Achromatopsia
77, 0.009, 296.813



Achromatomaly
75, 22.585, 331.695

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 58.957, 332.778 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, 147, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 235)  
}
```

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, 147, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 58.957, 332.778 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, 147, 235) }
```

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

```
.border{ border-color:rgb(255, 147, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 147, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 147, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 147, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 147,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 58.957, 332.778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 147, 235) }
```

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

```
.background{ background-color: rgb(255,  
147, 235) }
```

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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