

Converting Colors

CIELCh(78, 51.475, 356.745)

Have a look what the booklet for
CIELCh(78, 51.475, 356.745)
contains.

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Color

CIELCh(75, 44.132, 350.340)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF9AC8 |
| RGB | 255, 154, 200 |
| RGB Percent | 100%, 60%, 78% |
| CMY | 0.0019, 0.3978, 0.2175 |
| CMYK | 0.00, 0.40, 0.22, 0.00 |
| HSL | 333°, 99%, 80% |
| HSV | 333°, 40%, 100% |
| XYZ | 62.9120, 48.2781, 60.3668 |
| YIQ | 189.4430, 45.4300, 35.7180 |

Conversions

Conversions Part 2

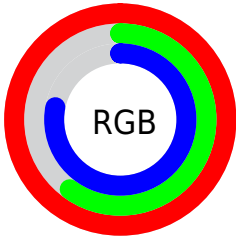
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 255, 154, 200 |
| Decimal | 16751304 |
| CIE _{Lab} | 75.00, 43.51, -7.41 |
| CIE _{LCh} | 75, 44.132, 350.340 |
| Yxy | 48.2781, 0.3667, 0.2814 |
| Android (android.graphics.Color) | 4294941384 (0xFFFF9AC8) |
| YUV | 189.4430, 5.2046, 57.4935 |
| Hunter-Lab | 69.4824, 40.0263, -2.8738 |

Details

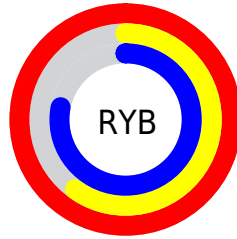
The CIELCh color **75, 44.132, 350.340** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **93, 41.557, 162.068**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 28.208, 325.407**, and **55, 43.763, 350.393** is the 20% darker color. If you saturate the color by 10%, you get **70, 54.818, 351.867**, and if you desaturate by 10%, it is **81, 32.959, 349.049**.

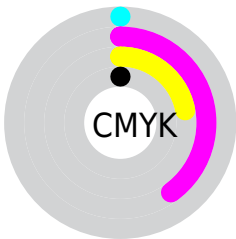
Distribution



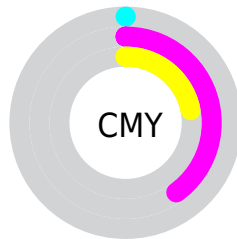
- Red (100%)
- Green (60%)
- Blue (78%)



- Red (100%)
- Yellow (60%)
- Blue (78%)



- Cyan (0%)
- Magenta (40%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 44.132, 350.340 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, 44.132, 350.340 by changing the saturation by 10% instead.


 75, 44.132,
350.340


 75, 44.132,
350.340


 100, 44.132,
350.340


 65, 44.132,
350.340


 95, 44.132,
350.340

 55, 44.132,
350.340

 45, 44.132,
350.340

 35, 44.132,
350.340

 25, 44.132,
350.340

 15, 44.132,
350.340

 5, 44.132, 350.340

75, 44.132,
350.340

75, 44.132,
350.340

70, 54.818,
351.867

81, 32.959,
349.049

65, 64.529,
353.716

87, 21.676,
347.927

61, 72.680,
356.012

93, 10.524,
346.921

58, 78.740,
358.919

100, 0.171,
198.299

56, 82.455, 2.615

100, 0.171,
203.276

55, 84.250, 7.155

54, 84.306, 7.313

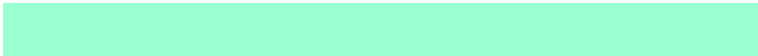
Harmonies

Complementary

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



75, 44.132, 350.340



93, 41.557, 162.068

Rectangle

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



75, 44.132, 350.340



75, 44.132, 40.340



75, 44.132, 170.340



75, 44.132, 220.340

Sweetspot

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



75, 44.129, 350.341



92, 13.128, 347.149



72, 57.562, 312.144



48, 8.722, 347.278



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, 44.129, 350.341



71, 53.174, 351.594



75, 39.880, 25.629



50, 6.199, 346.905



41, 67.998, 6.398



10, 31.521, 0.126

Inverse Universe

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



75, 44.129, 350.341



71, 53.174, 351.594



93, 29.833, 200.947



50, 6.199, 346.905



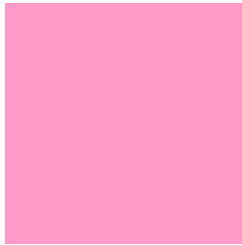
41, 67.998, 6.398



10, 31.521, 0.126

Previews

White Background



This preview shows how the CIELCh color 75, 44.132, 350.340 looks on a white background.

Color Contrast Check

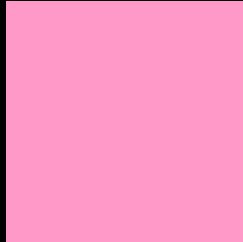
Large Text (above 18pt) WCAG AA × Fail

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, 44.132, 350.340 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, 44.132, 350.340

Background



This preview shows how black text looks on a background with the CIELCh color 75, 44.132, 350.340.



This preview shows how white text looks on a background with the CIELCh color 75, 44.132, 350.340.

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, 44.132, 350.340

Protanopia

75, 19.483, 286.999

Deuteranopia

75, 10.506, 329.909



Tritanopia
75, 36.582, 12.977

Trichromacy



Original Color
75, 44.132, 350.340



Protanomaly
74, 24.884, 321.148



Deuteranomaly
75, 23.237, 342.877

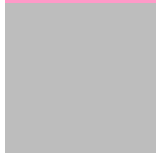


Tritanomaly
75, 38.415, 3.940

Monochromacy



Original Color
75, 44.132, 350.340



Achromatopsia
77, 0.009, 296.813



Achromatomaly
75, 16.567, 347.441

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 44.132, 350.340 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, 154, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 154, 200)  
}
```

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, 154, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 154, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 44.132, 350.340 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, 154, 200) }
```

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

```
.border{ border-color:rgb(255, 154, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 154, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 154, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 154, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 154,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 44.132, 350.340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 154, 200) }
```

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

```
.background{ background-color: rgb(255,  
154, 200) }
```

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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