

Converting Colors

CIELCh(58, 78.121, 0.509)

Have a look what the booklet for
CIELCh(58, 78.121, 0.509) contains.

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Color

CIELCh(58, 78.024, 0.477)

Conversions

Conversions Part 1

Format	Color
Hex	FF378D
RGB	255, 55, 141
RGB Percent	100%, 22%, 55%
CMY	0.0000, 0.7861, 0.4457
CMYK	0.00, 0.79, 0.45, 0.00
HSL	334°, 100%, 61%
HSV	334°, 79%, 100%
XYZ	47.5726, 25.9610, 27.8376
YIQ	124.6040, 91.5940, 69.1460

Conversions

Conversions Part 2

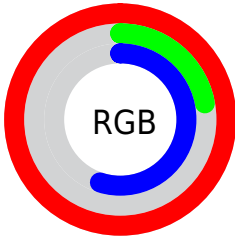
Format	Color
RYB	255, 55, 141
Decimal	16725901
CIELab	58.00, 78.02, 0.65
CIELCh	58, 78.024, 0.477
Yxy	25.9610, 0.4693, 0.2561
Android (android.graphics.Color)	4294915981 (0xFFFF378D)
YUV	124.6040, 8.0832, 114.3573
Hunter-Lab	50.9519, 77.4952, 3.2733

Details

The CIELCh color **58, 78.024, 0.477** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **89, 72.383, 157.027**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 60.477, 346.771**, and **41, 68.245, 4.627** is the 20% darker color. If you saturate the color by 10%, you get **56, 82.072, 4.182**, and if you desaturate by 10%, it is **61, 71.499, 357.410**.

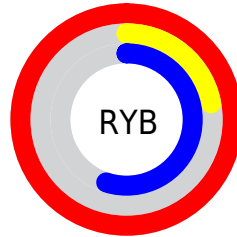
Distribution



Red (100%)

Green (22%)

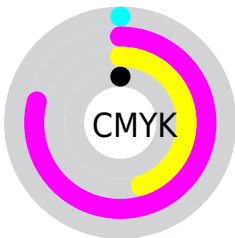
Blue (55%)



Red (100%)

Yellow (22%)

Blue (55%)

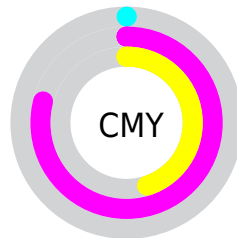


Cyan (0%)

Magenta (79%)

Yellow (45%)

Black (0%)



Cyan (0%)

Magenta (79%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 78.024, 0.477 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 58, 78.024, 0.477 by changing the saturation by 10% instead.

 58, 78.024, 0.477  58, 78.024, 0.477

 100, 78.024, 0.477  48, 78.024, 0.477

 78, 78.024, 0.477  38, 78.024, 0.477

 88, 78.024, 0.477  28, 78.024, 0.477

 98, 78.024, 0.477  18, 78.024, 0.477

 8, 78.024, 0.477

 0, 78.024, 0.477

 58, 78.024, 0.477  58, 78.024, 0.477

 56, 82.072, 4.182  61, 71.499,
357.410

 55, 84.278, 8.870

54, 84.553, 9.552

65, 63.103,
355.057

70, 53.262,
353.167

76, 42.543,
351.612

82, 31.423,
350.298

88, 20.248,
349.160

94, 9.244, 348.138

100, 0.012,
296.813

Harmonies

Complementary

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



58, 78.024, 0.477



89, 72.383, 157.027

Rectangle

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



58, 78.024, 0.477



58, 78.024, 50.477



58, 78.024, 180.477



58, 78.024, 230.477

Sweetspot

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



58, 77.915, 0.391



84, 26.261, 349.754



50, 109.768, 314.340



43, 18.095, 350.171



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



58, 77.915, 0.391



55, 83.432, 6.610



58, 85.336, 36.014



50, 6.111, 348.227



41, 68.045, 8.591



10, 31.403, 2.001

Inverse Universe

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



58, 77.915, 0.391



55, 83.432, 6.610



88, 44.202, 205.938



50, 6.111, 348.227



41, 68.045, 8.591



10, 31.403, 2.001

Previews

White Background



This preview shows how the CIELCh color 58, 78.024, 0.477 looks on a white background.

Color Contrast Check

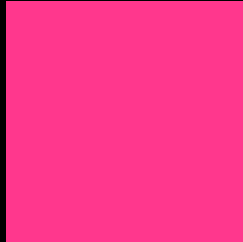
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 78.024, 0.477 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 × Fail

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

CIELCh 58, 78.024, 0.477

Background



This preview shows how black text looks on a background with the CIELCh color 58, 78.024, 0.477.

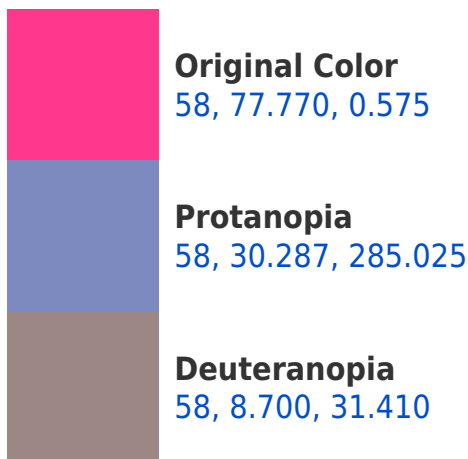


This preview shows how white text looks on a background with the CIELCh color 58, 78.024, 0.477.

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
58, 77.240, 29.923

Trichromacy



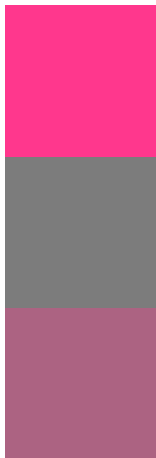
Original Color
58, 77.770, 0.575

Protanomaly
55, 43.381, 325.980

Deuteranomaly
55, 37.647, 358.937

Tritanomaly
58, 74.903, 18.998

Monochromacy



Original Color
58, 77.770, 0.575

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 33.804, 352.558

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 78.024, 0.477 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, 55, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 55, 141)  
}
```

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, 55, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 55, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 78.024, 0.477 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, 55, 141) }
```

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

```
.border{ border-color:rgb(255, 55, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 55, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 55, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 55, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 55,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 78.024, 0.477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 55, 141) }
```

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

```
.background{ background-color: rgb(255, 55,  
141) }
```

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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