

Converting Colors

CIELCh(64, 61.128, 4.606)

Have a look what the booklet for
CIELCh(64, 61.128, 4.606) contains.

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Color

CIELCh(64, 61.253, 4.477)

Conversions

Conversions Part 1

Format	Color
Hex	FD6795
RGB	253, 103, 149
RGB Percent	99%, 40%, 58%
CMY	0.0074, 0.5956, 0.4153
CMYK	0.00, 0.59, 0.41, 0.01
HSL	342°, 98%, 70%
HSV	342°, 59%, 99%
XYZ	50.8470, 32.8017, 32.1285
YIQ	153.0940, 74.6340, 46.1060

Conversions

Conversions Part 2

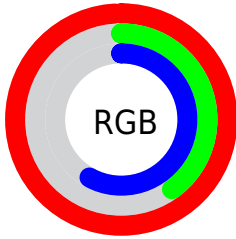
Format	Color
R _Y B	253, 103, 149
Decimal	16607125
CIE Lab	64.00, 61.07, 4.78
CIE LCh	64, 61.253, 4.477
Yxy	32.8017, 0.4392, 0.2833
Android (android.graphics.Color)	4294797205 (0xFFFD6795)
YUV	153.0940, -2.0183, 87.6176
Hunter-Lab	57.2727, 58.2458, 6.8308

Details

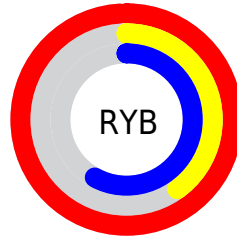
The CIELCh color **64, 61.253, 4.477** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **91, 51.662, 168.670**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 41.466, 350.192**, and **44, 61.303, 4.251** is the 20% darker color. If you saturate the color by 10%, you get **60, 70.054, 7.421**, and if you desaturate by 10%, it is **69, 51.339, 2.154**.

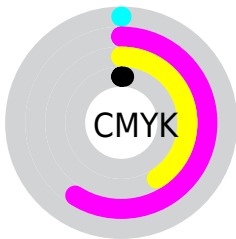
Distribution



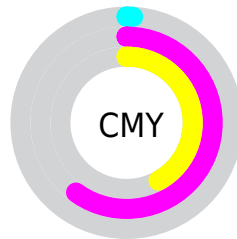
- Red (99%)
- Green (40%)
- Blue (58%)



- Red (99%)
- Yellow (40%)
- Blue (58%)



- Cyan (0%)
- Magenta (59%)
- Yellow (41%)
- Black (1%)



- Cyan (1%)
- Magenta (60%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 61.253, 4.477 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 64, 61.253, 4.477 by changing the saturation by 10% instead.

 64, 61.253, 4.477

 64, 61.253, 4.477

 100, 61.253, 4.477

 54, 61.253, 4.477

 84, 61.253, 4.477

 44, 61.253, 4.477

 94, 61.253, 4.477

 34, 61.253, 4.477

 24, 61.253, 4.477

 14, 61.253, 4.477

 4, 61.253, 4.477

 0, 61.253, 4.477

 64, 61.253, 4.477

 64, 61.253, 4.477

 60, 70.054, 7.421

 69, 51.339, 2.154

■ 57, 77.317, 11.159

■ 74, 40.819, 0.286

■ 55, 82.882, 15.831

■ 80, 30.108,
358.753

■ 54, 87.169, 21.327

■ 87, 19.506,
357.461

■ 53, 87.491, 21.734

■ 93, 9.199, 356.334

■ 100, 0.712,
176.241

■ 100, 0.653,
200.379

Harmonies

Complementary

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



64, 61.253, 4.477



91, 51.662, 168.670

Rectangle

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



64, 61.253, 4.477



64, 61.253, 54.477



64, 61.253, 184.477



64, 61.253, 234.477

Sweetspot

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



64, 61.249, 4.479



88, 18.297, 357.313



62, 86.342, 317.588



45, 12.781, 357.662



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 61.249, 4.479



60, 71.860, 8.018



68, 57.144, 39.211



50, 5.685, 356.361



40, 70.464, 20.668



10, 31.435, 12.288

Inverse Universe

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



64, 61.249, 4.479



60, 71.860, 8.018



84, 35.491, 221.817



50, 5.685, 356.361



40, 70.464, 20.668



10, 31.435, 12.288

Previews

White Background



This preview shows how the CIELCh color 64, 61.253, 4.477 looks on a white background.

Color Contrast Check

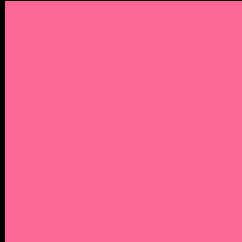
Large Text (above 18pt) WCAG AA × Fail

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 64, 61.253, 4.477 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 ✓ Pass

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

CIELCh 64, 61.253, 4.477

Background



This preview shows how black text looks on a background with the CIELCh color 64, 61.253, 4.477.



This preview shows how white text looks on a background with the CIELCh color 64, 61.253, 4.477.

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



Original Color

64, 61.253, 4.477

Protanopia

64, 13.965, 287.270

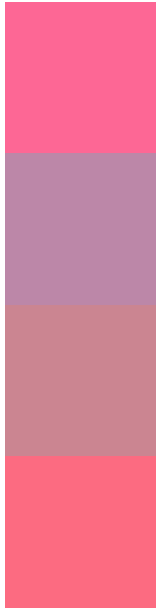
Deuteranopia

64, 11.049, 43.801



Tritanopia
64, 59.507, 22.769

Trichromacy



Original Color
64, 61.253, 4.477

Protanomaly
62, 27.169, 339.803

Deuteranomaly
63, 28.880, 9.423

Tritanomaly
64, 59.380, 15.913

Monochromacy



Original Color
64, 61.253, 4.477

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 23.229, 358.010

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 61.253, 4.477 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(253, 103, 149)` looks like.

```
.text, #text, p{  
    color:rgb(253, 103, 149)  
}
```

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(253, 103, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 103, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 61.253, 4.477 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(253, 103, 149) }
```

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

```
.border{ border-color:rgb(253, 103, 149) }
```

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

Here you see how a box with a 4 pixel rgb(253, 103, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 103, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 103, 149);  
box-shadow:4px 4px 4px 4px rgb(253, 103,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 61.253, 4.477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 103, 149) }
```

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

```
.background{ background-color: rgb(253,  
103, 149) }
```

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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