

Converting Colors

CIELCh(64, 62.558, 1.796)

Have a look what the booklet for
CIELCh(64, 62.558, 1.796) contains.

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Color

CIELCh(64, 62.770, 1.717)

Conversions

Conversions Part 1

Format	Color
Hex	FE659A
RGB	254, 101, 154
RGB Percent	100%, 40%, 60%
CMY	0.0030, 0.6031, 0.3953
CMYK	0.00, 0.60, 0.39, 0.00
HSL	339°, 99%, 70%
HSV	339°, 60%, 100%
XYZ	51.4794, 32.8017, 34.2743
YIQ	152.7890, 74.1750, 48.9190

Conversions

Conversions Part 2

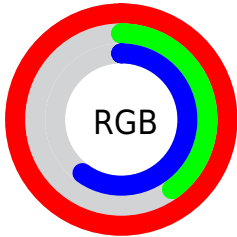
Format	Color
R_{YB}	254, 101, 154
Decimal	16672154
CIE _{Lab}	64.00, 62.74, 1.88
CIE _{LCh}	64, 62.770, 1.717
Yxy	32.8017, 0.4342, 0.2767
Android (android.graphics.Color)	4294862234 (0xFFFE659A)
YUV	152.7890, 0.5970, 88.7620
Hunter-Lab	57.2727, 60.2166, 4.6094

Details

The CIELCh color **64, 62.770, 1.717** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **91, 54.433, 165.775**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 43.828, 346.538**, and **44, 62.915, 1.764** is the 20% darker color. If you saturate the color by 10%, you get **60, 71.221, 4.569**, and if you desaturate by 10%, it is **69, 53.027, 359.462**.

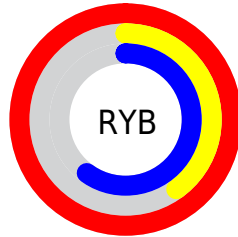
Distribution



Red (100%)

Green (40%)

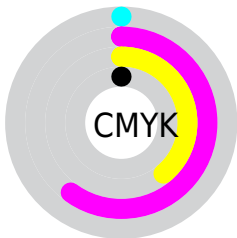
Blue (60%)



Red (100%)

Yellow (40%)

Blue (60%)

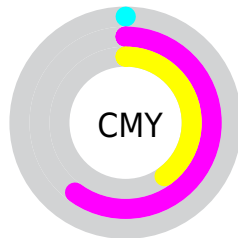


Cyan (0%)

Magenta (60%)

Yellow (39%)

Black (0%)



Cyan (0%)

Magenta (60%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 62.770, 1.717 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, 62.770, 1.717 by changing the saturation by 10% instead.

 64, 62.770, 1.717

 64, 62.770, 1.717

 100, 62.770, 1.717

 54, 62.770, 1.717

 84, 62.770, 1.717

 44, 62.770, 1.717

 94, 62.770, 1.717

 34, 62.770, 1.717

 24, 62.770, 1.717

 14, 62.770, 1.717

 4, 62.770, 1.717

 0, 62.770, 1.717

 64, 62.770, 1.717

 64, 62.770, 1.717

 60, 71.221, 4.569

 69, 53.027,

■ 57, 77.942, 8.196 359.462

■ 55, 82.785, 12.754 ■ 74, 42.528,
357.642

■ 54, 86.228, 18.041 ■ 80, 31.721,
356.139

■ 86, 20.936,
354.867

■ 93, 10.387,
353.754

100, 0.192,
349.975

100, 0.268,
201.861

Harmonies

Complementary

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



64, 62.770, 1.717



91, 54.433, 165.775

Rectangle

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



64, 62.770, 1.717



64, 62.770, 51.717



64, 62.770, 181.717



64, 62.770, 231.717

Sweetspot

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



64, 62.766, 1.719



88, 18.651, 354.614



61, 87.710, 316.591



45, 13.020, 354.954



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, 62.766, 1.719



59, 72.755, 5.168



67, 59.637, 36.871



50, 5.805, 353.682



40, 69.322, 16.981



10, 31.317, 9.298

Inverse Universe

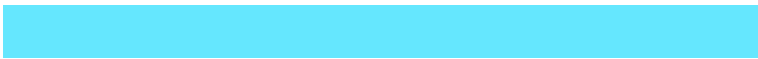
The Inverse Universe completely reimagines the original color for something new.



64, 62.766, 1.719



59, 72.755, 5.168



86, 36.486, 216.809



50, 5.805, 353.682



40, 69.322, 16.981



10, 31.317, 9.298

Previews

White Background



This preview shows how the CIELCh color 64, 62.770, 1.717 looks on a white background.

Color Contrast Check

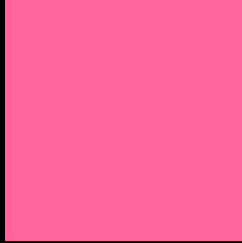
Large Text (above 18pt) WCAG AA × Fail

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, 62.770, 1.717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

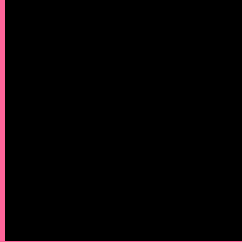
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 62.770, 1.717

Background



This preview shows how black text looks on a background with the CIELCh color 64, 62.770, 1.717.



This preview shows how white text looks on a background with the CIELCh color 64, 62.770, 1.717.

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, 62.770, 1.717

Protanopia

64, 17.889, 286.480

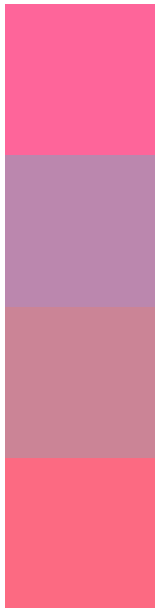
Deuteranopia

64, 9.711, 30.072



Tritanopia
64, 59.646, 23.278

Trichromacy



Original Color
64, 62.770, 1.717

Protanomaly
62, 29.108, 334.201

Deuteranomaly
63, 29.785, 3.355

Tritanomaly
64, 59.687, 15.056

Monochromacy



Original Color
64, 62.770, 1.717

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 24.343, 356.444

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 62.770, 1.717 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(254, 101, 154)` looks like.

```
.text, #text, p{  
    color:rgb(254, 101, 154)  
}
```

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(254, 101, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 101, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 62.770, 1.717 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(254, 101, 154) }
```

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

```
.border{ border-color:rgb(254, 101, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 101, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 101, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 101, 154);  
box-shadow:4px 4px 4px 4px rgb(254, 101,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 62.770, 1.717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 101, 154) }
```

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

```
.background{ background-color: rgb(254,  
101, 154) }
```

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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