

Converting Colors

CIELCh(64, 62.309, 4.730)

Have a look what the booklet for
CIELCh(64, 62.309, 4.730) contains.

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Color

CIELCh(64, 62.320, 4.631)

Conversions

Conversions Part 1

Format	Color
Hex	FF6695
RGB	255, 102, 149
RGB Percent	100%, 40%, 58%
CMY	0.0013, 0.6012, 0.4168
CMYK	0.00, 0.60, 0.42, 0.00
HSL	342°, 100%, 70%
HSV	342°, 60%, 100%
XYZ	51.2428, 32.8017, 31.9477
YIQ	153.1050, 76.1010, 47.0530

Conversions

Conversions Part 2

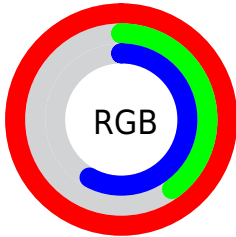
Format	Color
R_{YB}	255, 102, 149
Decimal	16737941
CIE _{Lab}	64.00, 62.12, 5.03
CIE _{LCh}	64, 62.320, 4.631
Yxy	32.8017, 0.4418, 0.2828
Android (android.graphics.Color)	4294928021 (0xFFFF6695)
YUV	153.1050, -2.0238, 89.3619
Hunter-Lab	57.2727, 59.4793, 7.0180

Details

The CIELCh color **64, 62.320, 4.631** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **91, 52.500, 168.486**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 42.027, 349.893**, and **44, 62.442, 4.449** is the 20% darker color. If you saturate the color by 10%, you get **60, 71.045, 7.632**, and if you desaturate by 10%, it is **69, 52.432, 2.265**.

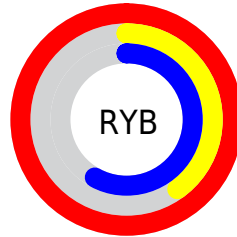
Distribution



Red (100%)

Green (40%)

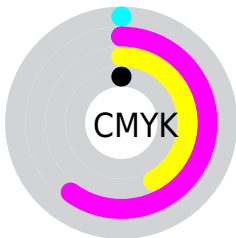
Blue (58%)



Red (100%)

Yellow (40%)

Blue (58%)

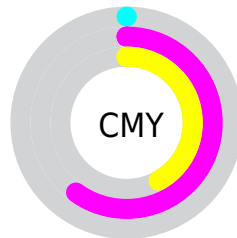


Cyan (0%)

Magenta (60%)

Yellow (42%)

Black (0%)



Cyan (0%)

Magenta (60%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 62.320, 4.631 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, 62.320, 4.631 by changing the saturation by 10% instead.

 64, 62.320, 4.631  64, 62.320, 4.631

 100, 62.320, 4.631  54, 62.320, 4.631

 84, 62.320, 4.631  44, 62.320, 4.631


 94, 62.320, 4.631  34, 62.320, 4.631

 24, 62.320, 4.631

 14, 62.320, 4.631

 4, 62.320, 4.631

 0, 62.320, 4.631

 64, 62.320, 4.631  64, 62.320, 4.631

 60, 71.045, 7.632  69, 52.432, 2.265

■ 57, 78.194, 11.441

■ 74, 41.894, 0.366

■ 55, 83.640, 16.190

■ 80, 31.131,
358.810

■ 54, 87.870, 21.679

■ 87, 20.457,
357.502

■ 93, 10.067,
356.365

100, 0.069,
347.182

100, 0.114,
205.206

Harmonies

Complementary

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



64, 62.320, 4.631



91, 52.500, 168.486

Rectangle

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



64, 62.320, 4.631



64, 62.320, 54.631



64, 62.320, 184.631



64, 62.320, 234.631

Sweetspot

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



64, 62.316, 4.633



88, 18.304, 357.256



61, 87.823, 317.607



45, 12.785, 357.605



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, 62.316, 4.633



59, 72.637, 8.302



68, 58.376, 39.289



50, 5.687, 356.305



40, 70.437, 20.594



10, 31.432, 12.229

Inverse Universe

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



64, 62.316, 4.633



59, 72.637, 8.302



84, 35.963, 221.950



50, 5.687, 356.305



40, 70.437, 20.594



10, 31.432, 12.229

Previews

White Background



This preview shows how the CIELCh color 64, 62.320, 4.631 looks on a white background.

Color Contrast Check

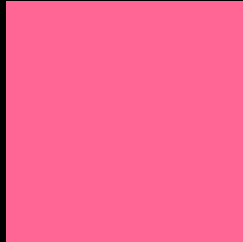
Large Text (above 18pt) WCAG AA × Fail

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, 62.320, 4.631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

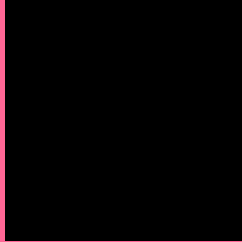
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 62.320, 4.631

Background



This preview shows how black text looks on a background with the CIELCh color 64, 62.320, 4.631.

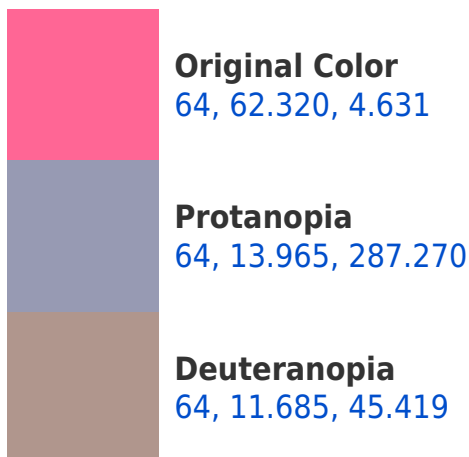


This preview shows how white text looks on a background with the CIELCh color 64, 62.320, 4.631.

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](#).

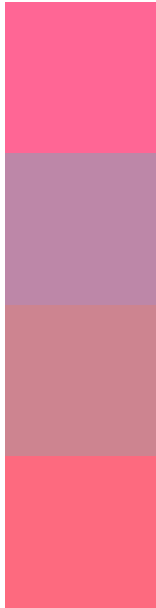
Dichromacy





Tritanopia
64, 60.517, 23.482

Trichromacy



Original Color
64, 62.320, 4.631

Protanomaly
62, 27.444, 340.396

Deuteranomaly
63, 30.113, 10.144

Tritanomaly
64, 60.263, 16.750

Monochromacy



Original Color
64, 62.320, 4.631

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 23.988, 358.921

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 62.320, 4.631 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, 102, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 102, 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(255, 102, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 102, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 62.320, 4.631 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, 102, 149) }
```

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

```
.border{ border-color:rgb(255, 102, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 102, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 102, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 102, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 102,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 62.320, 4.631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 102, 149) }
```

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

```
.background{ background-color: rgb(255,  
102, 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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