

Converting Colors

CIELCh(64, 62.527, 16.321)

Have a look what the booklet for
CIELCh(64, 62.527, 16.321) contains.

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Color

CIELCh(64, 62.090, 16.041)

Conversions

Conversions Part 1

Format	Color
Hex	FF6880
RGB	255, 104, 128
RGB Percent	100%, 41%, 50%
CMY	0.0000, 0.5933, 0.4995
CMYK	0.00, 0.59, 0.50, 0.00
HSL	351°, 100%, 70%
HSV	351°, 59%, 100%
XYZ	50.3250, 32.8017, 23.9768
YIQ	151.8850, 82.2920, 39.4760

Conversions

Conversions Part 2

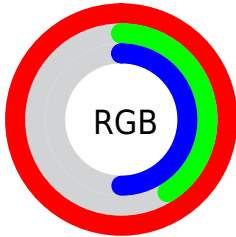
Format	Color
R _Y B	255, 104, 128
Decimal	16738432
CIE Lab	64.00, 59.67, 17.16
CIE LCh	64, 62.090, 16.041
Yxy	32.8017, 0.4699, 0.3063
Android (android.graphics.Color)	4294928512 (0xFFFF6880)
YUV	151.8850, -11.7753, 90.4319
Hunter-Lab	57.2727, 56.6190, 15.2697

Details

The CIELCh color **64, 62.090, 16.041** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **92, 45.743, 180.756**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 38.053, 6.216**, and **44, 61.640, 15.927** is the 20% darker color. If you saturate the color by 10%, you get **60, 71.980, 19.211**, and if you desaturate by 10%, it is **69, 51.000, 13.367**.

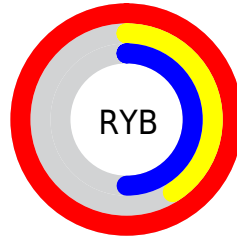
Distribution



Red (100%)

Green (41%)

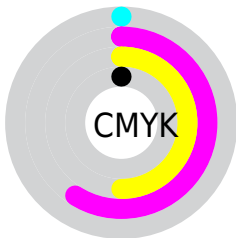
Blue (50%)



Red (100%)

Yellow (41%)

Blue (50%)

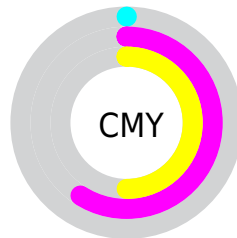


Cyan (0%)

Magenta (59%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (59%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 62.090, 16.041 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, 62.090, 16.041 by changing the saturation by 10% instead.

64, 62.090, 16.041

64, 62.090, 16.041

100, 62.090,
16.041

54, 62.090, 16.041

84, 62.090, 16.041

44, 62.090, 16.041

94, 62.090, 16.041

34, 62.090, 16.041

24, 62.090, 16.041

14, 62.090, 16.041

4, 62.090, 16.041

0, 62.090, 16.041

64, 62.090, 16.041

64, 62.090, 16.041

60, 71.980, 19.211

69, 51.000, 13.367

■ 57, 81.203, 23.285

■ 75, 40.020, 11.338

■ 54, 89.265, 28.109

■ 81, 29.188, 9.718

■ 53, 96.161, 33.181

■ 87, 18.734, 8.398

■ 53, 96.607, 33.490

■ 94, 8.784, 7.280

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.



64, 62.090, 16.041



92, 45.743, 180.756

Rectangle

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



64, 62.090, 16.041



64, 62.090, 66.041



64, 62.090, 196.041



64, 62.090, 246.041

Sweetspot

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



64, 61.790, 15.941



88, 17.385, 8.240



65, 87.954, 322.244



45, 12.179, 8.591



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, 61.790, 15.941



59, 73.600, 19.835



73, 53.645, 51.903



50, 5.358, 7.299



40, 77.061, 32.551



10, 32.232, 20.674

Inverse Universe

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



64, 61.790, 15.941



59, 73.600, 19.835



78, 36.846, 245.707



50, 5.358, 7.299



40, 77.061, 32.551



10, 32.232, 20.674

Previews

White Background



This preview shows how the CIELCh color 64, 62.090, 16.041 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, 62.090, 16.041 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, 62.090, 16.041

Background



This preview shows how black text looks on a background with the CIELCh color 64, 62.090, 16.041.



This preview shows how white text looks on a background with the CIELCh color 64, 62.090, 16.041.

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, 61.666, 15.847

Protanopia

64, 1.635, 39.135

Deuteranopia

64, 21.120, 66.979



Tritanopia
64, 62.254, 23.887

Trichromacy



Original Color
64, 61.666, 15.847



Protanomaly
62, 23.380, 11.039



Deuteranomaly
63, 33.099, 32.122

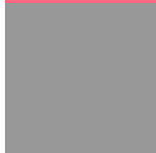


Tritanomaly
64, 61.889, 21.086

Monochromacy



Original Color
64, 61.666, 15.847



Achromatopsia
63, 0.008, 296.813



Achromatomaly
62, 22.687, 9.189

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 62.090, 16.041 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, 104, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 104, 128)  
}
```

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, 104, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 104, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 62.090, 16.041 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, 104, 128) }
```

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

```
.border{ border-color:rgb(255, 104, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 104, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 104, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 104, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 104,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 62.090, 16.041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 104, 128) }
```

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

```
.background{ background-color: rgb(255,  
104, 128) }
```

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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