

Converting Colors

CIELCh(66, 63.400, 1.305)

Have a look what the booklet for
CIELCh(66, 63.400, 1.305) contains.

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Color

CIELCh(65, 61.528, 0.087)

Conversions

Conversions Part 1

Format	Color
Hex	FF6AA0
RGB	255, 106, 160
RGB Percent	100%, 42%, 63%
CMY	0.0006, 0.5848, 0.3730
CMYK	0.00, 0.58, 0.37, 0.00
HSL	338°, 100%, 71%
HSV	338°, 58%, 100%
XYZ	52.6616, 34.0472, 36.9972
YIQ	156.7070, 71.4700, 48.3820

Conversions

Conversions Part 2

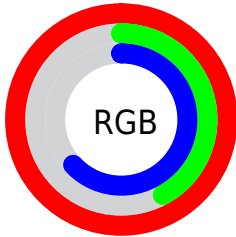
Format	Color
R _Y B	255, 106, 160
Decimal	16738976
CIE Lab	65.00, 61.53, 0.09
CIE LCh	65, 61.528, 0.087
Yxy	34.0472, 0.4257, 0.2752
Android (android.graphics.Color)	4294929056 (0xFFFF6AA0)
YUV	156.7070, 1.6234, 86.2030
Hunter-Lab	58.3500, 58.9862, 3.2517

Details

The CIELCh color **65, 61.528, 0.087** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **91, 54.089, 164.975**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 42.863, 343.548**, and **45, 61.670, 359.826** is the 20% darker color. If you saturate the color by 10%, you get **61, 70.177, 2.756**, and if you desaturate by 10%, it is **70, 51.627, 357.967**.

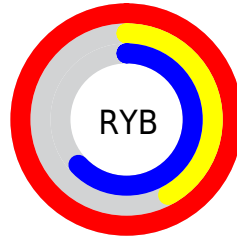
Distribution



Red (100%)

Green (42%)

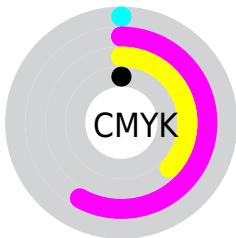
Blue (63%)



Red (100%)

Yellow (42%)

Blue (63%)

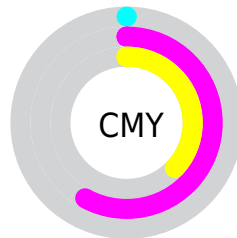


Cyan (0%)

Magenta (58%)

Yellow (37%)

Black (0%)



Cyan (0%)

Magenta (58%)

Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 61.528, 0.087 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 65, 61.528, 0.087 by changing the saturation by 10% instead.

 65, 61.528, 0.087  65, 61.528, 0.087

 100, 61.528, 0.087  55, 61.528, 0.087

 85, 61.528, 0.087  45, 61.528, 0.087

 95, 61.528, 0.087  35, 61.528, 0.087

 25, 61.528, 0.087

 15, 61.528, 0.087

 5, 61.528, 0.087

 0, 61.528, 0.087

 65, 61.528, 0.087  65, 61.528, 0.087

 61, 70.177, 2.756  70, 51.627,

■ 58, 77.094, 6.149 357.967

■ 55, 82.050, 10.442 ■ 76, 41.015,
356.245

■ 54, 85.377, 15.658

■ 54, 85.875, 16.488 ■ 82, 30.131,
354.813

■ 88, 19.290,
353.591

■ 94, 8.693, 352.507

100, 0.050,
212.705

Harmonies

Complementary

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



65, 61.528, 0.087



91, 54.089, 164.975

Rectangle

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



65, 61.528, 0.087



65, 61.528, 50.087



65, 61.528, 180.087



65, 61.528, 230.087

Sweetspot

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



65, 61.524, 0.089



88, 18.809, 353.539



61, 85.493, 316.038



45, 13.126, 353.875



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 61.524, 0.089



60, 71.400, 3.228



67, 58.318, 35.467



50, 5.858, 352.617



40, 68.952, 15.433



10, 31.291, 7.978

Inverse Universe

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



65, 61.524, 0.089



60, 71.400, 3.228



87, 36.271, 214.132



50, 5.858, 352.617



40, 68.952, 15.433



10, 31.291, 7.978

Previews

White Background



This preview shows how the CIELCh color 65, 61.528, 0.087 looks on a white background.

Color Contrast Check

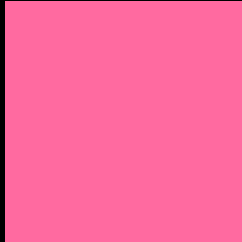
Large Text (above 18pt) WCAG AA × Fail

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 65, 61.528, 0.087 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 65, 61.528, 0.087

Background



This preview shows how black text looks on a background with the CIELCh color 65, 61.528, 0.087.



This preview shows how white text looks on a background with the CIELCh color 65, 61.528, 0.087.

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
65, 61.528, 0.087

Protanopia
65, 18.956, 285.877

Deuteranopia
65, 8.651, 20.168



Tritanopia
65, 57.704, 22.711

Trichromacy



Original Color
65, 61.528, 0.087



Protanomaly
64, 29.984, 331.386



Deuteranomaly
64, 28.794, 0.164



Tritanomaly
65, 57.937, 14.210

Monochromacy



Original Color
65, 61.528, 0.087



Achromatopsia
65, 0.008, 296.813



Achromatomaly
63, 24.080, 354.679

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 61.528, 0.087 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, 106, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 106, 160)  
}
```

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, 106, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 106, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 61.528, 0.087 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, 106, 160) }
```

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

```
.border{ border-color:rgb(255, 106, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 106, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 106, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 106, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 106,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 61.528, 0.087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 106, 160) }
```

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

```
.background{ background-color: rgb(255,  
106, 160) }
```

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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