

Converting Colors

CIELCh(68, 54.202, 6.690)

Have a look what the booklet for
CIELCh(68, 54.202, 6.690) contains.

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Color

CIELCh(68, 53.776, 6.360)

Conversions

Conversions Part 1

Format	Color
Hex	FF7B9D
RGB	255, 123, 157
RGB Percent	100%, 48%, 62%
CMY	0.0000, 0.5167, 0.3835
CMYK	0.00, 0.52, 0.38, 0.00
HSL	345°, 100%, 74%
HSV	345°, 52%, 100%
XYZ	54.5488, 37.9720, 36.4502
YIQ	166.3440, 67.7580, 38.5580

Conversions

Conversions Part 2

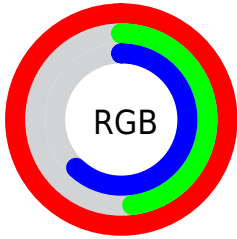
Format	Color
R _Y B	255, 123, 157
Decimal	16743325
CIE Lab	68.00, 53.45, 5.96
CIE LCh	68, 53.776, 6.360
Yxy	37.9720, 0.4230, 0.2944
Android (android.graphics.Color)	4294933405 (0xFFFF7B9D)
YUV	166.3440, -4.6066, 77.7513
Hunter-Lab	61.6215, 50.1750, 8.0639

Details

The CIELCh color **68, 53.776, 6.360** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **92, 44.642, 173.362**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 32.548, 351.191**, and **48, 53.959, 6.394** is the 20% darker color. If you saturate the color by 10%, you get **63, 63.666, 8.900**, and if you desaturate by 10%, it is **73, 43.107, 4.257**.

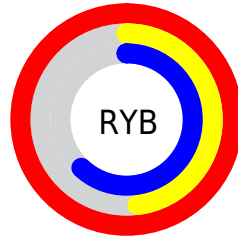
Distribution



Red (100%)

Green (48%)

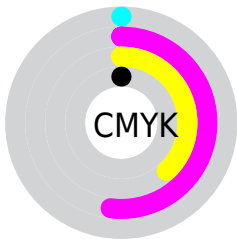
Blue (62%)



Red (100%)

Yellow (48%)

Blue (62%)

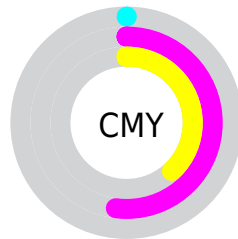


Cyan (0%)

Magenta (52%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (52%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 53.776, 6.360 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 68, 53.776, 6.360 by changing the saturation by 10% instead.

 68, 53.776, 6.360

 68, 53.776, 6.360

 100, 53.776, 6.360

 58, 53.776, 6.360

 88, 53.776, 6.360

 48, 53.776, 6.360

 98, 53.776, 6.360

 38, 53.776, 6.360

 28, 53.776, 6.360

 18, 53.776, 6.360

 8, 53.776, 6.360

 0, 53.776, 6.360

 68, 53.776, 6.360

 68, 53.776, 6.360

 63, 63.666, 8.900

 73, 43.107, 4.257

■ 59, 72.589, 12.185

■ 79, 32.359, 2.592

■ 56, 80.091, 16.329

■ 86, 21.747, 1.214

■ 54, 86.128, 21.384

■ 92, 11.462, 0.036

■ 54, 90.436, 26.037

■ 99, 1.608, 358.730

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.



68, 53.776, 6.360



92, 44.642, 173.362

Rectangle

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



68, 53.776, 6.360



68, 53.776, 56.360



68, 53.776, 186.360



68, 53.776, 236.360

Sweetspot

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



68, 53.683, 6.313



89, 15.864, 0.526



67, 76.879, 318.925



46, 10.758, 0.769



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 53.683, 6.313



63, 63.977, 8.995



73, 47.352, 42.869



50, 5.555, 359.796



40, 72.289, 24.955



10, 31.658, 15.510

Inverse Universe

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



68, 53.683, 6.313



63, 63.977, 8.995



84, 32.179, 228.296



50, 5.555, 359.796



40, 72.289, 24.955



10, 31.658, 15.510

Previews

White Background



This preview shows how the CIELCh color 68, 53.776, 6.360 looks on a white background.

Color Contrast Check

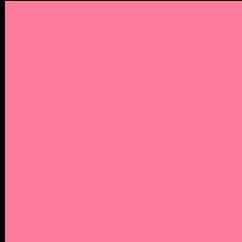
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 68, 53.776, 6.360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

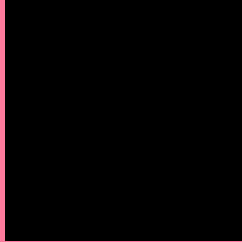
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 53.776, 6.360

Background



This preview shows how black text looks on a background with the CIELCh color 68, 53.776, 6.360.



This preview shows how white text looks on a background with the CIELCh color 68, 53.776, 6.360.

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
68, 53.776, 6.360

Protanopia
68, 8.817, 291.079

Deuteranopia
68, 12.266, 43.870



Tritanopia
68, 51.837, 20.010

Trichromacy



Original Color
68, 53.776, 6.360

Protanomaly
67, 21.918, 348.218

Deuteranomaly
67, 26.232, 14.923

Tritanomaly
68, 52.077, 14.943

Monochromacy



Original Color
68, 53.776, 6.360

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 19.818, 2.060

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 53.776, 6.360 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, 123, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 123, 157)  
}
```

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, 123, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 123, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 53.776, 6.360 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, 123, 157) }
```

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

```
.border{ border-color:rgb(255, 123, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 123, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 123, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 123, 157);  
box-shadow:4px 4px 4px 4px rgb(255, 123,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 53.776, 6.360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 123, 157) }
```

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

```
.background{ background-color: rgb(255,  
123, 157) }
```

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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