

Converting Colors

CIELCh(53, 67.356, 332.587)

Have a look what the booklet for
CIELCh(53, 67.356, 332.587)
contains.

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Color

CIELCh(53, 67.356, 332.587)

Conversions

Conversions Part 1

Format	Color
Hex	C74FB5
RGB	199, 79, 181
RGB Percent	78%, 31%, 71%
CMY	0.2199, 0.6905, 0.2905
CMYK	0.00, 0.60, 0.09, 0.22
HSL	309°, 52%, 54%
HSV	309°, 60%, 78%
XYZ	34.6566, 21.0462, 45.9132
YIQ	126.5080, 38.7780, 57.1620

Conversions

Conversions Part 2

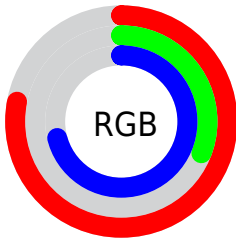
Format	Color
R_{YB}	199, 79, 181
Decimal	13062069
CIE _{Lab}	53.00, 59.79, -31.01
CIE _{LCh}	53, 67.356, 332.587
Yxy	21.0462, 0.3411, 0.2071
Android (android.graphics.Color)	4291252149 (0xFFC74FB5)
YUV	126.5080, 26.8646, 63.5755
Hunter-Lab	45.8761, 54.5627, -27.2247

Details

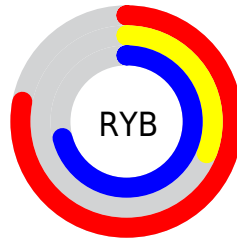
The CIELCh color **53, 67.356, 332.587** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **72, 68.356, 143.166**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 66.542, 331.787**, and **33, 67.368, 332.513** is the 20% darker color. If you saturate the color by 10%, you get **50, 75.159, 333.230**, and if you desaturate by 10%, it is **57, 57.849, 331.950**.

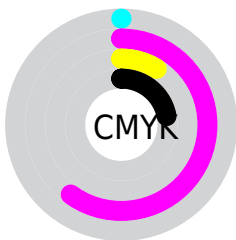
Distribution



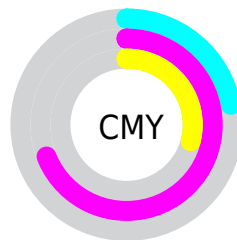
- Red (78%)
- Green (31%)
- Blue (71%)



- Red (78%)
- Yellow (31%)
- Blue (71%)



- Cyan (0%)
- Magenta (60%)
- Yellow (9%)
- Black (22%)





- Cyan (22%)
- Magenta (69%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 67.356, 332.587 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 53, 67.356, 332.587 by changing the saturation by 10% instead.


 53, 67.356,
332.587


 53, 67.356,
332.587


 100, 67.356,
332.587


 43, 67.356,
332.587


 73, 67.356,
332.587

 33, 67.356,
332.587

 83, 67.356,
332.587

 23, 67.356,
332.587

 93, 67.356,
332.587

 13, 67.356,
332.587

 3, 67.356, 332.587

 0, 67.356, 332.587

53, 67.356,
332.587

53, 67.356,
332.587

50, 75.159,
333.230

57, 57.849,
331.950

48, 80.806,
333.888

61, 47.156,
331.314

46, 84.032,
334.583

65, 35.739,
330.681

46, 85.201,
335.303

70, 23.971,
330.054

75, 12.123,
329.431

80, 0.381, 328.091

85, 11.136,
148.316

91, 22.362,
147.755

■ 95, 31.480,
147.557

Harmonies

Complementary

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



53, 67.356, 332.587



72, 68.356, 143.166

Rectangle

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



53, 67.356, 332.587



53, 67.356, 22.587



53, 67.356, 152.587



53, 67.356, 202.587

Sweetspot

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



53, 67.353, 332.587



89, 25.962, 329.926



41, 71.872, 302.450



46, 18.053, 330.110



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



53, 67.353, 332.587



63, 92.756, 333.408



51, 51.874, 0.016



39, 6.656, 329.372



37, 73.682, 335.186



4, 23.468, 332.671

Inverse Universe

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



53, 67.353, 332.587



63, 92.756, 333.408



73, 45.674, 164.547



39, 6.656, 329.372



37, 73.682, 335.186



4, 23.468, 332.671

Previews

White Background



This preview shows how the CIELCh color 53, 67.356, 332.587 looks on a white background.

Color Contrast Check

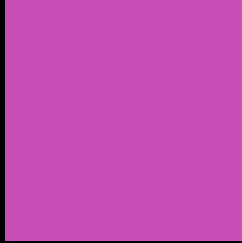
Large Text (above 18pt) WCAG AA ✓ Pass

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 53, 67.356, 332.587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

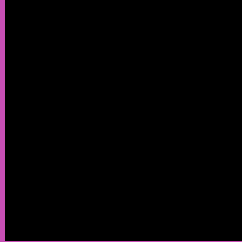
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 67.356, 332.587

Background



This preview shows how black text looks on a background with the CIELCh color 53, 67.356, 332.587.

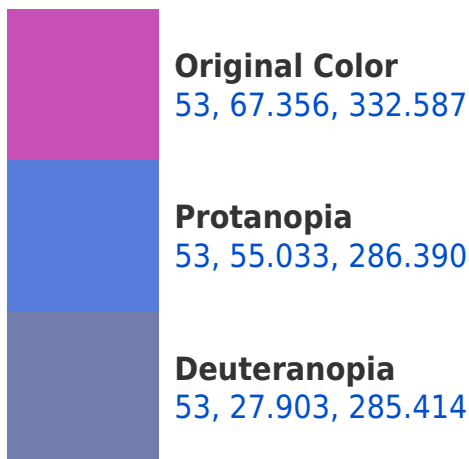


This preview shows how white text looks on a background with the CIELCh color 53, 67.356, 332.587.

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
53, 39.655, 19.128

Trichromacy



Original Color
53, 67.356, 332.587



Protanomaly
51, 56.658, 301.991



Deuteranomaly
52, 41.470, 311.919



Tritanomaly
53, 45.386, 355.834

Monochromacy



Original Color
53, 67.356, 332.587



Achromatopsia
53, 0.007, 296.813



Achromatomaly
52, 27.217, 330.861

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 67.356, 332.587 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(199, 79, 181)` looks like.

```
.text, #text, p{  
    color:rgb(199, 79, 181)  
}
```

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(199, 79, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 79, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 67.356, 332.587 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(199, 79, 181) }
```

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

```
.border{ border-color:rgb(199, 79, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 79, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 79, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 79, 181);  
box-shadow:4px 4px 4px 4px rgb(199, 79,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 67.356, 332.587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 79, 181) }
```

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

```
.background{ background-color: rgb(199, 79,  
181) }
```

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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