

Converting Colors

CIELCh(53, 63.610, 341.810)

Have a look what the booklet for
CIELCh(53, 63.610, 341.810)
contains.

CIELCh(53, 63.610, 341.810)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(53, 63.610, 341.810)

Conversions

Conversions Part 1

Format	Color
Hex	CF4CA2
RGB	207, 76, 162
RGB Percent	81%, 30%, 64%
CMY	0.1882, 0.7019, 0.3647
CMYK	0.00, 0.63, 0.22, 0.19
HSL	321°, 58%, 55%
HSV	321°, 63%, 81%
XYZ	34.8428, 21.0462, 36.4125
YIQ	124.9730, 50.4700, 54.5180

Conversions

Conversions Part 2

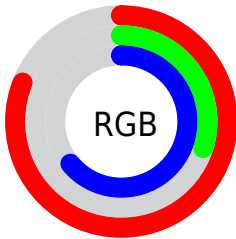
Format	Color
R_{YB}	207, 76, 162
Decimal	13585570
CIE _{Lab}	53.00, 60.43, -19.86
CIE _{LCh}	53, 63.610, 341.810
Yxy	21.0462, 0.3775, 0.2280
Android (android.graphics.Color)	4291775650 (0xFFCF4CA2)
YUV	124.9730, 18.2543, 71.9377
Hunter-Lab	45.8761, 55.2872, -14.9460

Details

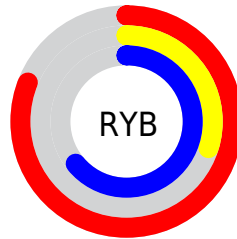
The CIELCh color **53, 63.610, 341.810** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **75, 63.513, 149.317**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 61.207, 338.489**, and **33, 63.610, 341.859** is the 20% darker color. If you saturate the color by 10%, you get **50, 70.160, 343.184**, and if you desaturate by 10%, it is **57, 55.292, 340.636**.

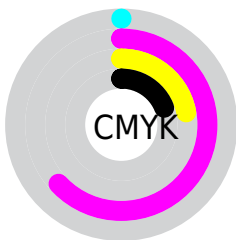
Distribution



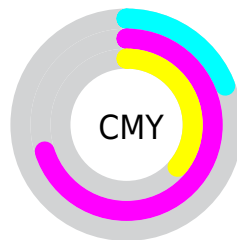
- Red (81%)
- Green (30%)
- Blue (64%)



- Red (81%)
- Yellow (30%)
- Blue (64%)



- Cyan (0%)
- Magenta (63%)
- Yellow (22%)
- Black (19%)





- Cyan (19%)
- Magenta (70%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 63.610, 341.810 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, 63.610, 341.810 by changing the saturation by 10% instead.


 53, 63.610,
341.810


 53, 63.610,
341.810


 100, 63.610,
341.810


 43, 63.610,
341.810


 73, 63.610,
341.810

 33, 63.610,
341.810

 83, 63.610,
341.810

 23, 63.610,
341.810

 93, 63.610,
341.810

 13, 63.610,
341.810

 3, 63.610, 341.810

 0, 63.610, 341.810

■ 53, 63.610,
341.810

■ 53, 63.610,
341.810

■ 50, 70.160,
343.184

■ 57, 55.292,
340.636

■ 48, 74.498,
344.836

■ 61, 45.746,
339.604

■ 46, 76.427,
346.864

■ 66, 35.454,
338.676

■ 46, 76.731,
348.428


■ 71, 24.804,
337.826

■ 76, 14.074,
337.033

■ 81, 3.448, 336.226

■ 87, 6.959, 155.704

■ 92, 17.085,
155.037

 96, 22.547,
156.925

Harmonies

Complementary

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



53, 63.610, 341.810



75, 63.513, 149.317

Rectangle

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



53, 63.610, 341.810



53, 63.610, 31.810



53, 63.610, 161.810



53, 63.610, 211.810

Sweetspot

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



53, 63.607, 341.811



88, 23.938, 337.499



44, 77.678, 307.669



45, 16.495, 337.731



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, 63.607, 341.811



60, 84.270, 343.748



51, 55.566, 16.248



41, 6.044, 336.735



37, 65.962, 348.033



5, 23.936, 343.566

Inverse Universe

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



53, 63.607, 341.811



60, 84.270, 343.748



76, 40.809, 179.587



41, 6.044, 336.735



37, 65.962, 348.033



5, 23.936, 343.566

Previews

White Background



This preview shows how the CIELCh color 53, 63.610, 341.810 looks on a white background.

Color Contrast Check

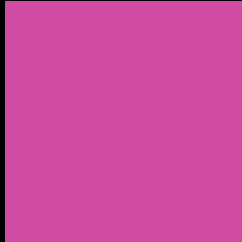
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 53, 63.610, 341.810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

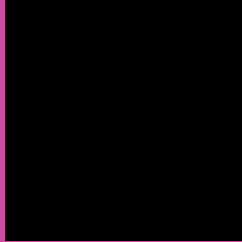
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 63.610, 341.810

Background



This preview shows how black text looks on a background with the CIELCh color 53, 63.610, 341.810.

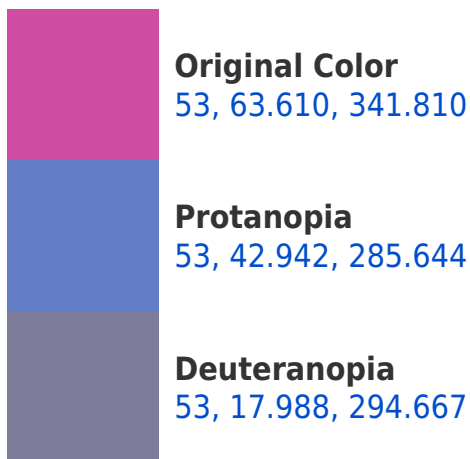


This preview shows how white text looks on a background with the CIELCh color 53, 63.610, 341.810.

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](#).

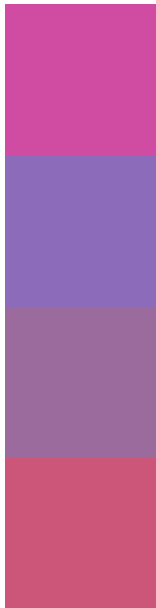
Dichromacy





Tritanopia
53, 47.382, 22.087

Trichromacy



Original Color
53, 63.610, 341.810

Protanomaly
51, 47.204, 308.176

Deuteranomaly
52, 34.369, 324.446

Tritanomaly
53, 49.896, 4.440

Monochromacy



Original Color
53, 63.610, 341.810

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 25.898, 338.910

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 63.610, 341.810 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(207, 76, 162)` looks like.

```
.text, #text, p{  
    color:rgb(207, 76, 162)  
}
```

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(207, 76, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 76, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 63.610, 341.810 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(207, 76, 162) }
```

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

```
.border{ border-color:rgb(207, 76, 162) }
```

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

Here you see how a box with a 4 pixel rgb(207, 76, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 76, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 76, 162);  
box-shadow:4px 4px 4px 4px rgb(207, 76,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 63.610, 341.810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 76, 162) }
```

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

```
.background{ background-color: rgb(207, 76,  
162) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor