

Converting Colors

CIELCh(53, 78.376, 336.265)

Have a look what the booklet for
CIELCh(53, 78.376, 336.265)
contains.

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Color

CIELCh(53, 78.253, 336.398)

Conversions

Conversions Part 1

Format	Color
Hex	D83BB6
RGB	216, 59, 182
RGB Percent	85%, 23%, 71%
CMY	0.1537, 0.7694, 0.2870
CMYK	0.00, 0.73, 0.16, 0.15
HSL	313°, 67%, 54%
HSV	313°, 73%, 85%
XYZ	38.2414, 21.0462, 46.2080
YIQ	119.9650, 54.0890, 71.5370

Conversions

Conversions Part 2

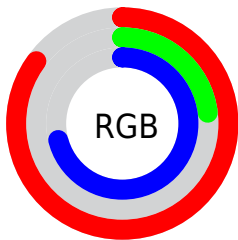
Format	Color
R _{YB}	216, 59, 182
Decimal	14171062
CIE _{Lab}	53.00, 71.71, -31.33
CIE _{LCh}	53, 78.253, 336.398
Yxy	21.0462, 0.3625, 0.1995
Android (android.graphics.Color)	4292361142 (0xFFD83BB6)
YUV	119.9650, 30.5833, 84.2227
Hunter-Lab	45.8761, 68.5109, -27.6056

Details

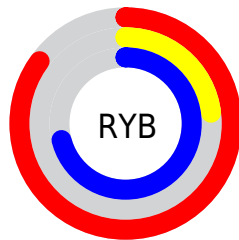
The CIELCh color **53, 78.253, 336.398** is a light color, and the websafe version is hex **CC0099**. The color can be described as light muted rose. A complement of this color would be **77, 81.128, 143.269**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 75.032, 331.283**, and **36, 70.121, 336.739** is the 20% darker color. If you saturate the color by 10%, you get **51, 83.232, 337.350**, and if you desaturate by 10%, it is **56, 70.874, 335.540**.

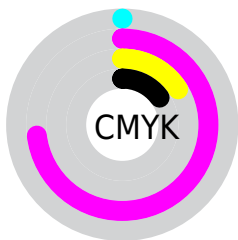
Distribution



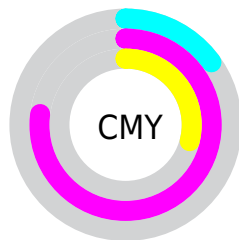
- Red (85%)
- Green (23%)
- Blue (71%)



- Red (85%)
- Yellow (23%)
- Blue (71%)



- Cyan (0%)
- Magenta (73%)
- Yellow (16%)
- Black (15%)





- Cyan (15%)
- Magenta (77%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 78.253, 336.398 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, 78.253, 336.398 by changing the saturation by 10% instead.

 53, 78.253,
336.398


 53, 78.253,
336.398


 100, 78.253,
336.398

 43, 78.253,
336.398


 73, 78.253,
336.398

 33, 78.253,
336.398

 83, 78.253,
336.398

 23, 78.253,
336.398

 93, 78.253,
336.398

 13, 78.253,
336.398

 3, 78.253, 336.398

 0, 78.253, 336.398

53, 78.253,
336.398

53, 78.253,
336.398

51, 83.232,
337.350

56, 70.874,
335.540

49, 85.611,
338.438

60, 61.571,
334.744

49, 86.061,
339.315

64, 50.895,
333.990


69, 39.363,
333.268

74, 27.395,
332.572

79, 15.299,
331.898

85, 3.286, 331.181

90, 8.510, 150.713

 96, 20.012,
150.110

Harmonies

Complementary

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



53, 78.253, 336.398



77, 81.128, 143.269

Rectangle

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



53, 78.253, 336.398



53, 78.253, 26.398



53, 78.253, 156.398



53, 78.253, 206.398

Sweetspot

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



53, 78.250, 336.398



86, 30.320, 332.535



38, 92.924, 305.580



44, 20.377, 332.722



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, 78.250, 336.398



59, 96.137, 337.881



50, 64.098, 8.925



42, 6.751, 331.674



38, 72.488, 339.097



6, 28.103, 336.666

Inverse Universe

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



53, 78.250, 336.398



59, 96.137, 337.881



78, 52.489, 167.045



42, 6.751, 331.674



38, 72.488, 339.097



6, 28.103, 336.666

Previews

White Background



This preview shows how the CIELCh color 53, 78.253, 336.398 looks on a white background.

Color Contrast Check

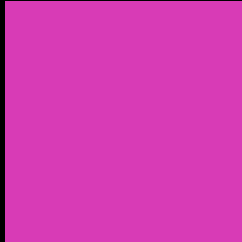
Large Text (above 18pt) WCAG AA ✓ Pass

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, 78.253, 336.398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

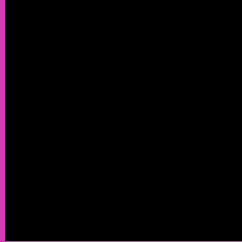
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 78.253, 336.398

Background



This preview shows how black text looks on a background with the CIELCh color 53, 78.253, 336.398.

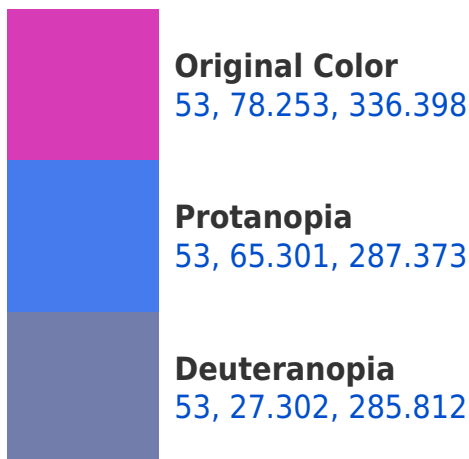


This preview shows how white text looks on a background with the CIELCh color 53, 78.253, 336.398.

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, 52.740, 23.515

Trichromacy



Original Color
53, 78.253, 336.398



Protanomaly
50, 67.788, 302.941



Deuteranomaly
51, 46.732, 316.473



Tritanomaly
53, 56.743, 1.499

Monochromacy



Original Color
53, 78.253, 336.398



Achromatopsia
50, 0.007, 296.813



Achromatomaly
49, 33.415, 333.947

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 78.253, 336.398 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(216, 59, 182)` looks like.

```
.text, #text, p{  
    color:rgb(216, 59, 182)  
}
```

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(216, 59, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 59, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 78.253, 336.398 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(216, 59, 182) }
```

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

```
.border{ border-color:rgb(216, 59, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 59, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 59, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 59, 182);  
box-shadow:4px 4px 4px 4px rgb(216, 59,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 78.253, 336.398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 59, 182) }
```

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

```
.background{ background-color: rgb(216, 59,  
182) }
```

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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