

Converting Colors

CIELCh(56, 53.714, 335.936)

Have a look what the booklet for
CIELCh(56, 53.714, 335.936)
contains.

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Color

CIELCh(56, 53.502, 336.032)

Conversions

Conversions Part 1

Format	Color
Hex	C663AD
RGB	198, 99, 173
RGB Percent	78%, 39%, 68%
CMY	0.2239, 0.6121, 0.3219
CMYK	0.00, 0.50, 0.13, 0.22
HSL	315°, 46%, 58%
HSV	315°, 50%, 78%
XYZ	35.2500, 23.9124, 42.2459
YIQ	137.0370, 35.2500, 44.0020

Conversions

Conversions Part 2

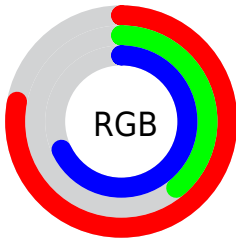
Format	Color
R_{YB}	198, 99, 173
Decimal	13001645
CIE _{Lab}	56.00, 48.89, -21.73
CIE _{LCh}	56, 53.502, 336.032
Yxy	23.9124, 0.3476, 0.2358
Android (android.graphics.Color)	4291191725 (0xFFC663AD)
YUV	137.0370, 17.7298, 53.4646
Hunter-Lab	48.9003, 43.0968, -16.9915

Details

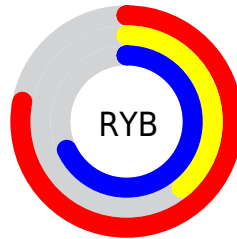
The CIELCh color **56, 53.502, 336.032** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **73, 53.379, 147.853**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 53.280, 335.374**, and **36, 53.197, 336.349** is the 20% darker color. If you saturate the color by 10%, you get **52, 62.415, 336.897**, and if you desaturate by 10%, it is **60, 43.489, 335.229**.

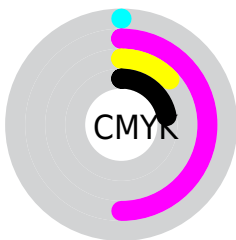
Distribution



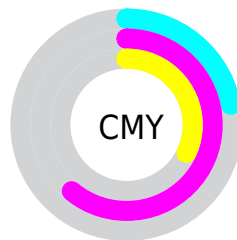
- Red (78%)
- Green (39%)
- Blue (68%)



- Red (78%)
- Yellow (39%)
- Blue (68%)



- Cyan (0%)
- Magenta (50%)
- Yellow (13%)
- Black (22%)





- Cyan (22%)
- Magenta (61%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 53.502, 336.032 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 56, 53.502, 336.032 by changing the saturation by 10% instead.


 56, 53.502,
336.032


 56, 53.502,
336.032


 100, 53.502,
336.032


 46, 53.502,
336.032


 76, 53.502,
336.032

 36, 53.502,
336.032

 86, 53.502,
336.032

 26, 53.502,
336.032

 96, 53.502,
336.032

 16, 53.502,
336.032

 6, 53.502, 336.032

 0, 53.502, 336.032

56, 53.502,
336.032

56, 53.502,
336.032

52, 62.415,
336.897

60, 43.489,
335.229

49, 69.728,
337.846

65, 32.835,
334.471

47, 74.963,
338.918

70, 21.886,
333.750

45, 77.828,
340.166

75, 10.895,
333.054


44, 78.665,
341.608

80, 0.029, 321.173

85, 10.613,
151.853

90, 20.972,
151.256

95, 29.682,
151.125

 95, 27.780,
154.582

Harmonies

Complementary

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



56, 53.502, 336.032



73, 53.379, 147.853

Rectangle

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



56, 53.502, 336.032



56, 53.502, 26.032



56, 53.502, 156.032



56, 53.502, 206.032

Sweetspot

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



56, 53.499, 336.032



90, 20.104, 333.415



49, 58.522, 304.136



47, 13.731, 333.564



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



56, 53.499, 336.032



66, 76.409, 336.977



54, 42.247, 6.374



39, 6.189, 333.010



36, 68.347, 341.370



4, 21.429, 337.787

Inverse Universe

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



56, 53.499, 336.032



66, 76.409, 336.977



74, 35.243, 174.286



39, 6.189, 333.010



36, 68.347, 341.370



4, 21.429, 337.787

Previews

White Background



This preview shows how the CIELCh color 56, 53.502, 336.032 looks on a white background.

Color Contrast Check

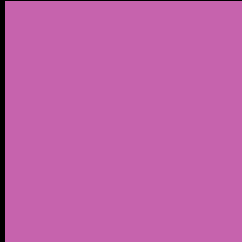
Large Text (above 18pt) WCAG AA ✓ Pass

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 56, 53.502, 336.032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

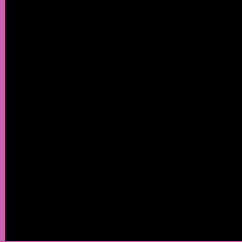
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 53.502, 336.032

Background



This preview shows how black text looks on a background with the CIELCh color 56, 53.502, 336.032.

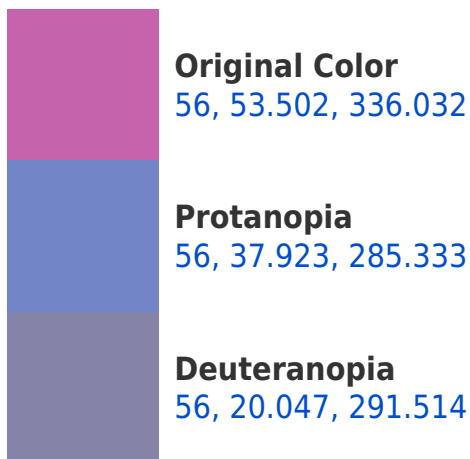


This preview shows how white text looks on a background with the CIELCh color 56, 53.502, 336.032.

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
56, 34.303, 16.251

Trichromacy



Original Color
56, 53.502, 336.032



Protanomaly
55, 40.478, 305.430



Deuteranomaly
55, 30.914, 317.405



Tritanomaly
56, 38.426, 356.809

Monochromacy



Original Color
56, 53.502, 336.032



Achromatopsia
57, 0.007, 296.813



Achromatomaly
56, 20.760, 333.812

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 53.502, 336.032 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(198, 99, 173)` looks like.

```
.text, #text, p{  
    color:rgb(198, 99, 173)  
}
```

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(198, 99, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 99, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 53.502, 336.032 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(198, 99, 173) }
```

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

```
.border{ border-color:rgb(198, 99, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 99, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 99, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 99, 173);  
box-shadow:4px 4px 4px 4px rgb(198, 99,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 53.502, 336.032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 99, 173) }
```

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

```
.background{ background-color: rgb(198, 99,  
173) }
```

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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