

Converting Colors

CIELCh(55, 53.705, 334.768)

Have a look what the booklet for
CIELCh(55, 53.705, 334.768)
contains.

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Color

CIELCh(55, 53.537, 334.934)

Conversions

Conversions Part 1

Format	Color
Hex	C261AC
RGB	194, 97, 172
RGB Percent	76%, 38%, 67%
CMY	0.2400, 0.6203, 0.3262
CMYK	0.00, 0.50, 0.11, 0.24
HSL	314°, 44%, 57%
HSV	314°, 50%, 76%
XYZ	33.8833, 22.9298, 41.5749
YIQ	134.5530, 33.7370, 43.8890

Conversions

Conversions Part 2

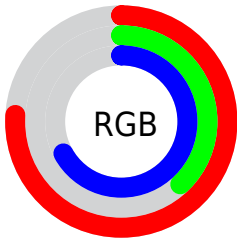
Format	Color
RYB	194, 97, 172
Decimal	12738988
CIELab	55.00, 48.49, -22.68
CIELCh	55, 53.537, 334.934
Yxy	22.9298, 0.3444, 0.2331
Android (android.graphics.Color)	4290929068 (0xFFC261AC)
YUV	134.5530, 18.4614, 52.1350
Hunter-Lab	47.8851, 42.5067, -17.9572

Details

The CIELCh color $55, 53.537, 334.934$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $71, 53.539, 146.970$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 53.493, 334.667$, and $35, 53.227, 335.160$ is the 20% darker color. If you saturate the color by 10%, you get $51, 62.445, 335.734$, and if you desaturate by 10%, it is $59, 43.533, 334.178$.

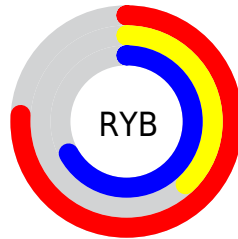
Distribution



Red (76%)

Green (38%)

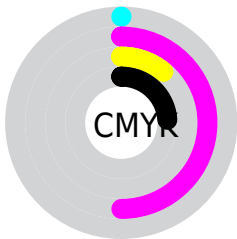
Blue (67%)



Red (76%)

Yellow (38%)

Blue (67%)

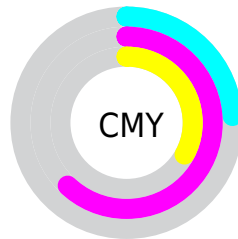


Cyan (0%)

Magenta (50%)

Yellow (11%)

Black (24%)



Cyan (24%)


Magenta (62%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 53.537, 334.934 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 55, 53.537, 334.934 by changing the saturation by 10% instead.


 55, 53.537,
334.934


 55, 53.537,
334.934


 100, 53.537,
334.934


 45, 53.537,
334.934


 75, 53.537,
334.934

 35, 53.537,
334.934

 85, 53.537,
334.934

 25, 53.537,
334.934

 95, 53.537,
334.934

 15, 53.537,
334.934

 5, 53.537, 334.934

 0, 53.537, 334.934

55, 53.537,
334.934

55, 53.537,
334.934

51, 62.445,
335.734

59, 43.533,
334.178

48, 69.766,
336.597

64, 32.883,
333.456

46, 75.032,
337.552

68, 21.934,
332.762

45, 77.960,
338.641

73, 10.934,
332.088

44, 78.896,
339.878

78, 0.053, 325.604

84, 10.609,
150.913

89, 20.991,
150.327

94, 31.068,
149.780

■ 95, 31.231,
151.904

Harmonies

Complementary

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



55, 53.537, 334.934



71, 53.539, 146.970

Rectangle

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



55, 53.537, 334.934



55, 53.537, 24.934



55, 53.537, 154.934



55, 53.537, 204.934

Sweetspot

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



55, 53.534, 334.934



90, 20.308, 332.437



47, 57.513, 303.183



47, 13.982, 332.582



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



55, 53.534, 334.934



66, 77.090, 335.810



53, 41.778, 3.868



38, 6.170, 332.043



36, 68.811, 339.678



4, 19.525, 335.984

Inverse Universe

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



55, 53.534, 334.934



66, 77.090, 335.810



72, 35.624, 171.786



38, 6.170, 332.043



36, 68.811, 339.678



4, 19.525, 335.984

Previews

White Background



This preview shows how the CIELCh color 55, 53.537, 334.934 looks on a white background.

Color Contrast Check

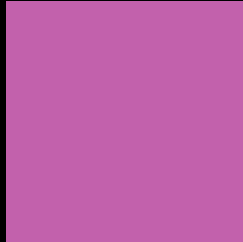
Large Text (above 18pt) WCAG AA ✓ Pass

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 55, 53.537, 334.934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

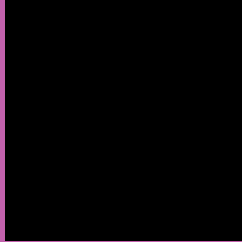
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 53.537, 334.934

Background



This preview shows how black text looks on a background with the CIELCh color 55, 53.537, 334.934.

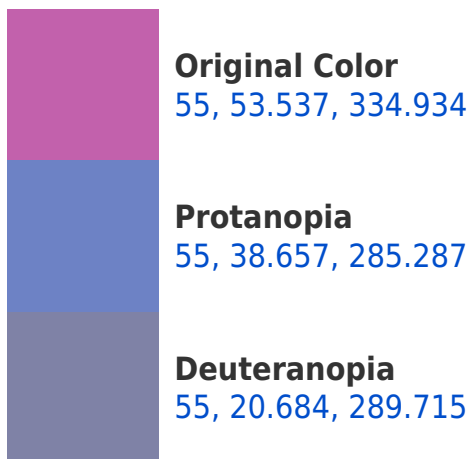


This preview shows how white text looks on a background with the CIELCh color 55, 53.537, 334.934.

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
55, 33.563, 16.020

Trichromacy



Original Color
55, 53.537, 334.934

Protanomaly
54, 41.135, 304.884

Deuteranomaly
54, 31.239, 315.711

Tritanomaly
55, 37.816, 356.184

Monochromacy



Original Color
55, 53.537, 334.934

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 21.242, 332.774

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 53.537, 334.934 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(194, 97, 172)` looks like.

```
.text, #text, p{  
    color:rgb(194, 97, 172)  
}
```

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(194, 97, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 97, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 53.537, 334.934 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(194, 97, 172) }
```

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

```
.border{ border-color:rgb(194, 97, 172) }
```

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

Here you see how a box with a 4 pixel rgb(194, 97, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 97, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 97, 172);  
box-shadow:4px 4px 4px 4px rgb(194, 97,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 53.537, 334.934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 97, 172) }
```

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

```
.background{ background-color: rgb(194, 97,  
172) }
```

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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