

Converting Colors

CIELCh(55, 88.838, 328.594)

Have a look what the booklet for
CIELCh(55, 88.838, 328.594)
contains.

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Color

CIELCh(55, 88.802, 328.670)

Conversions

Conversions Part 1

Format	Color
Hex	D93DD5
RGB	217, 61, 213
RGB Percent	85%, 24%, 84%
CMY	0.1486, 0.7602, 0.1643
CMYK	0.00, 0.72, 0.02, 0.15
HSL	302°, 67%, 55%
HSV	302°, 72%, 85%
XYZ	42.3483, 22.9298, 65.2152
YIQ	124.9720, 44.1840, 80.3440

Conversions

Conversions Part 2

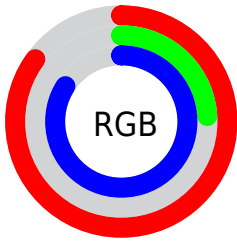
Format	Color
R_{YB}	217, 61, 213
Decimal	14237141
CIE _{Lab}	55.00, 75.85, -46.17
CIE _{LCh}	55, 88.802, 328.670
Yxy	22.9298, 0.3245, 0.1757
Android (android.graphics.Color)	4292427221 (0xFFD93DD5)
YUV	124.9720, 43.3978, 80.7086
Hunter-Lab	47.8851, 74.0617, -47.2281

Details

The CIELCh color **55, 88.802, 328.670** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **77, 90.916, 138.424**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 80.052, 327.139**, and **37, 80.812, 328.233** is the 20% darker color. If you saturate the color by 10%, you get **53, 95.130, 328.954**, and if you desaturate by 10%, it is **58, 80.026, 328.311**.

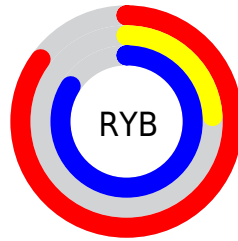
Distribution



Red (85%)

Green (24%)

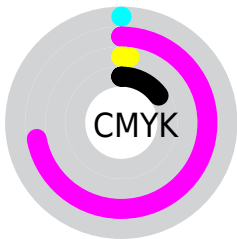
Blue (84%)



Red (85%)

Yellow (24%)

Blue (84%)

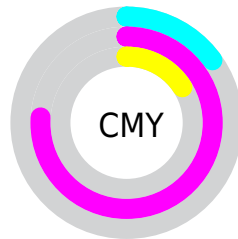


Cyan (0%)

Magenta (72%)

Yellow (2%)

Black (15%)



Cyan (15%)

Magenta (76%)

Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 88.802, 328.670 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, 88.802, 328.670 by changing the saturation by 10% instead.


 55, 88.802,
328.670

 55, 88.802,
328.670


 100, 88.802,
328.670

 45, 88.802,
328.670


 75, 88.802,
328.670

 35, 88.802,
328.670

 85, 88.802,
328.670

 25, 88.802,
328.670

 95, 88.802,
328.670

 15, 88.802,
328.670

 5, 88.802, 328.670

 0, 88.802, 328.670

55, 88.802,
328.670

55, 88.802,
328.670

53, 95.130,
328.954

58, 80.026,
328.311

52, 98.838,
329.163

61, 69.246,
327.885

51, 100.293,
329.291

65, 57.001,
327.403


70, 43.816,
326.882

75, 30.133,
326.335

80, 16.289,
325.772

86, 2.522, 325.124

91, 11.012,
144.716

 97, 23.276,
144.241

Harmonies

Complementary

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



55, 88.802, 328.670



77, 90.916, 138.424

Rectangle

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



55, 88.802, 328.670



55, 88.802, 18.670



55, 88.802, 148.670



55, 88.802, 198.670

Sweetspot

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



55, 88.799, 328.670



87, 34.583, 326.354



37, 93.353, 302.477



44, 23.233, 326.506



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, 88.799, 328.670



61, 109.848, 329.066



52, 66.059, 354.367



43, 7.863, 325.634



41, 84.833, 329.275



7, 33.947, 329.026

Inverse Universe

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



55, 88.799, 328.670



61, 109.848, 329.066



78, 62.725, 155.691



43, 7.863, 325.634



41, 84.833, 329.275



7, 33.947, 329.026

Previews

White Background



This preview shows how the CIELCh color 55, 88.802, 328.670 looks on a white background.

Color Contrast Check

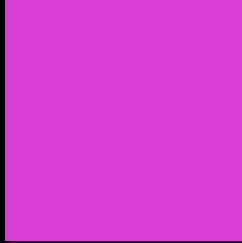
Large Text (above 18pt) WCAG AA ✓ Pass

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, 88.802, 328.670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

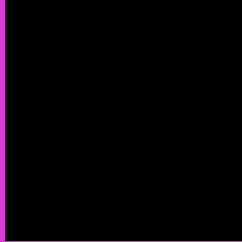
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 88.802, 328.670

Background



This preview shows how black text looks on a background with the CIELCh color 55, 88.802, 328.670.

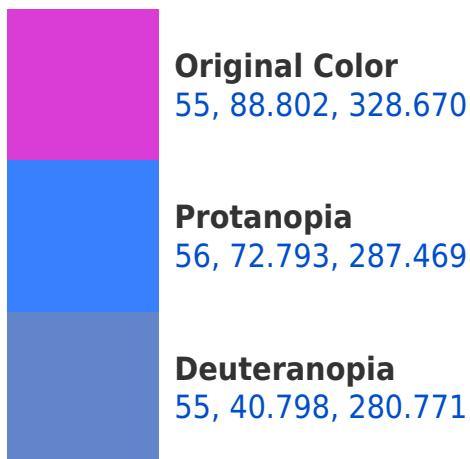


This preview shows how white text looks on a background with the CIELCh color 55, 88.802, 328.670.

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, 46.031, 20.859

Trichromacy



Original Color
55, 88.802, 328.670



Protanomaly
52, 78.398, 300.755



Deuteranomaly
52, 58.803, 306.947



Tritanomaly
54, 55.310, 352.145

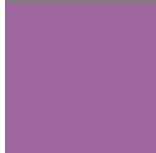
Monochromacy



Original Color
55, 88.802, 328.670



Achromatopsia
52, 0.007, 296.813



Achromatomaly
51, 37.776, 326.808

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 88.802, 328.670 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(217, 61, 213)` looks like.

```
.text, #text, p{  
    color:rgb(217, 61, 213)  
}
```

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(217, 61, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 61, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 88.802, 328.670 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(217, 61, 213) }
```

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

```
.border{ border-color:rgb(217, 61, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 61, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 61, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 61, 213);  
box-shadow:4px 4px 4px 4px rgb(217, 61,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 88.802, 328.670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 61, 213) }
```

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

```
.background{ background-color: rgb(217, 61,  
213) }
```

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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