

Converting Colors

CIELCh(55, 88.122, 328.447)

Have a look what the booklet for
CIELCh(55, 88.122, 328.447)
contains.

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Color

CIELCh(55, 88.024, 328.434)

Conversions

Conversions Part 1

Format	Color
Hex	D83FD5
RGB	216, 63, 213
RGB Percent	85%, 25%, 84%
CMY	0.1533, 0.7533, 0.1650
CMYK	0.00, 0.71, 0.01, 0.15
HSL	301°, 66%, 55%
HSV	301°, 71%, 85%
XYZ	42.0650, 22.9298, 65.1048
YIQ	125.8470, 43.0380, 79.0860

Conversions

Conversions Part 2

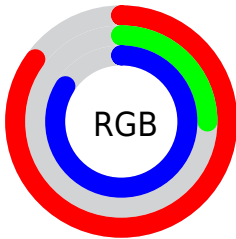
Format	Color
R _Y B	216, 63, 213
Decimal	14172117
CIE Lab	55.00, 75.00, -46.08
CIE LCh	55, 88.024, 328.434
Yxy	22.9298, 0.3233, 0.1762
Android (android.graphics.Color)	4292362197 (0xFFD83FD5)
YUV	125.8470, 42.9664, 79.0642
Hunter-Lab	47.8851, 73.0054, -47.0913

Details

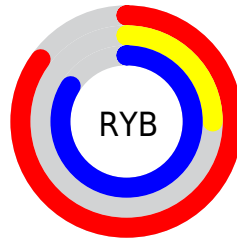
The CIELCh color **55, 88.024, 328.434** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **76, 89.945, 138.408**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 79.526, 327.122**, and **37, 80.831, 327.985** is the 20% darker color. If you saturate the color by 10%, you get **53, 94.622, 328.710**, and if you desaturate by 10%, it is **58, 79.023, 328.079**.

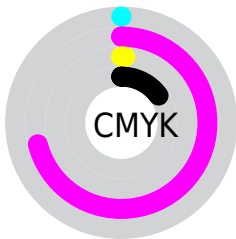
Distribution



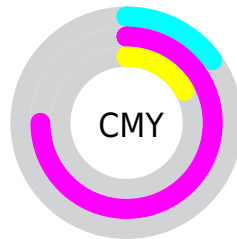
- Red (85%)
- Green (25%)
- Blue (84%)



- Red (85%)
- Yellow (25%)
- Blue (84%)



- Cyan (0%)
- Magenta (71%)
- Yellow (1%)
- Black (15%)





- Cyan (15%)
- Magenta (75%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 88.024, 328.434 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, 88.024, 328.434 by changing the saturation by 10% instead.


 55, 88.024,
328.434

 55, 88.024,
328.434

 100, 88.024,
328.434

 45, 88.024,
328.434


 75, 88.024,
328.434

 35, 88.024,
328.434

 85, 88.024,
328.434

 25, 88.024,
328.434

 95, 88.024,
328.434

 15, 88.024,
328.434

 5, 88.024, 328.434

 0, 88.024, 328.434

55, 88.024,
328.434

55, 88.024,
328.434

53, 94.622,
328.710

58, 79.023,
328.079

52, 98.616,
328.908

61, 68.076,
327.655

51, 100.362,
329.033

66, 55.721,
327.175

70, 42.476,
326.655

75, 28.770,
326.109

80, 14.930,
325.547

86, 1.185, 324.780

91, 12.316,
144.496

■ 96, 24.118,
144.044

Harmonies

Complementary

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



55, 88.024, 328.434



76, 89.945, 138.408

Rectangle

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



55, 88.024, 328.434



55, 88.024, 18.434



55, 88.024, 148.434



55, 88.024, 198.434

Sweetspot

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



55, 88.021, 328.434



87, 33.146, 326.128



37, 91.635, 302.270



45, 22.434, 326.282



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, 88.021, 328.434



61, 109.890, 328.817



52, 65.181, 354.122



42, 7.744, 325.464



40, 84.312, 329.020



6, 32.489, 328.681

Inverse Universe

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



55, 88.021, 328.434



61, 109.890, 328.817



77, 61.800, 155.876



42, 7.744, 325.464



40, 84.312, 329.020



6, 32.489, 328.681

Previews

White Background



This preview shows how the CIELCh color 55, 88.024, 328.434 looks on a white background.

Color Contrast Check

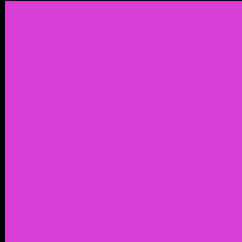
Large Text (above 18pt) WCAG AA ✓ Pass

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, 88.024, 328.434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

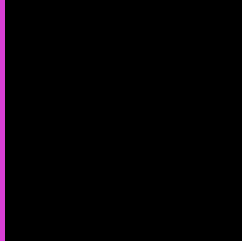
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 88.024, 328.434

Background



This preview shows how black text looks on a background with the CIELCh color 55, 88.024, 328.434.

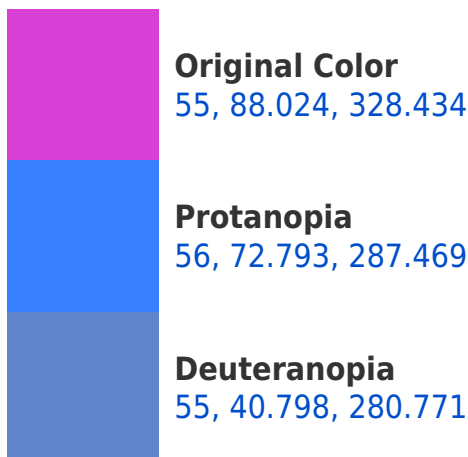


This preview shows how white text looks on a background with the CIELCh color 55, 88.024, 328.434.

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, 45.131, 20.597

Trichromacy



Original Color
55, 88.024, 328.434



Protanomaly
52, 78.398, 300.755



Deuteranomaly
52, 58.135, 306.407



Tritanomaly
54, 54.759, 351.497

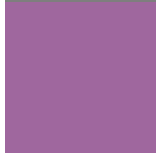
Monochromacy



Original Color
55, 88.024, 328.434



Achromatopsia
53, 0.007, 296.813



Achromatomaly
51, 37.738, 326.797

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 88.024, 328.434 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, 63, 213)` looks like.

```
.text, #text, p{  
    color:rgb(216, 63, 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(216, 63, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 63, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 88.024, 328.434 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, 63, 213) }
```

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

```
.border{ border-color:rgb(216, 63, 213) }
```

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

Here you see how a box with a 4 pixel rgb(216, 63, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 63, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 63, 213);  
box-shadow:4px 4px 4px 4px rgb(216, 63,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 88.024, 328.434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 63, 213) }
```

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

```
.background{ background-color: rgb(216, 63,  
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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