

Converting Colors

CIELCh(33, 73.829, 328.245)

Have a look what the booklet for
CIELCh(33, 73.829, 328.245)
contains.

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Color

CIELCh(33, 73.655, 328.218)

Conversions

Conversions Part 1

Format	Color
Hex	8C028C
RGB	140, 2, 140
RGB Percent	55%, 1%, 55%
CMY	0.4504, 0.9907, 0.4504
CMYK	0.00, 0.98, 0.00, 0.45
HSL	300°, 97%, 28%
HSV	300°, 98%, 55%
XYZ	15.6104, 7.5373, 25.4980
YIQ	58.9940, 37.9500, 72.1740

Conversions

Conversions Part 2

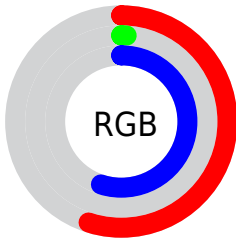
Format	Color
R_{YB}	140, 2, 140
Decimal	9175692
CIE _{Lab}	33.00, 62.61, -38.79
CIE _{LCh}	33, 73.655, 328.218
Yxy	7.5373, 0.3209, 0.1549
Android (android.graphics.Color)	4287365772 (0xFF8C028C)
YUV	58.9940, 39.9360, 71.0423
Hunter-Lab	27.4541, 53.4505, -35.8477

Details

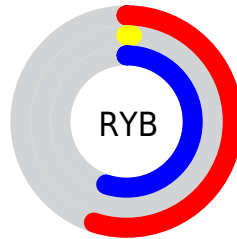
The CIELCh color **33, 73.655, 328.218** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **50, 76.269, 136.110**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **53, 73.711, 328.251**, and **19, 53.736, 326.591** is the 20% darker color. If you saturate the color by 10%, you get **33, 74.027, 328.235**, and if you desaturate by 10%, it is **34, 71.291, 328.108**.

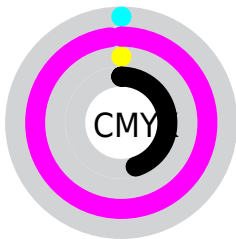
Distribution



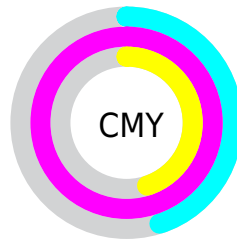
- Red (55%)
- Green (1%)
- Blue (55%)



- Red (55%)
- Yellow (1%)
- Blue (55%)



- Cyan (0%)
- Magenta (98%)
- Yellow (0%)
- Black (45%)





- Cyan (45%)
- Magenta (99%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 33, 73.655, 328.218 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 33, 73.655, 328.218 by changing the saturation by 10% instead.


 33, 73.655,
328.218


 33, 73.655,
328.218

 100, 73.655,
328.218


 23, 73.655,
328.218

 53, 73.655,
328.218


 13, 73.655,
328.218


 63, 73.655,
328.218

 3, 73.655, 328.218

 73, 73.655,
328.218

 0, 73.655, 328.218

 83, 73.655,
328.218

 93, 73.655,
328.218

■ 33, 73.655,
328.218

■ 33, 73.655,
328.218

■ 33, 74.027,
328.235

■ 34, 71.291,
328.108

■ 35, 67.432,
327.927

■ 37, 61.842,
327.660

■ 39, 54.745,
327.313

■ 41, 46.473,
326.899

■ 45, 37.384,
326.433

■ 48, 27.801,
325.930

■ 51, 17.984,

325.404

■ 55, 8.130, 324.860

Harmonies

Complementary

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



33, 73.655, 328.218



50, 76.269, 136.110

Rectangle

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



33, 73.655, 328.218



33, 73.655, 18.218



33, 73.655, 148.218



33, 73.655, 198.218

Sweetspot

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



33, 73.653, 328.218



61, 35.076, 325.997



15, 84.748, 306.076



30, 24.212, 326.190



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



33, 73.653, 328.218



43, 89.359, 328.235



30, 54.113, 0.384



27, 5.441, 324.906



31, 71.112, 328.235



0, 2.511, 324.441

Inverse Universe

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



33, 73.653, 328.218



43, 89.359, 328.235



51, 55.794, 150.032



27, 5.441, 324.906



31, 71.112, 328.235



0, 2.511, 324.441

Previews

White Background



This preview shows how the CIELCh color 33, 73.655, 328.218 looks on a white 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 ✓ Pass

Black Background



This preview shows how the CIELCh color 33, 73.655, 328.218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

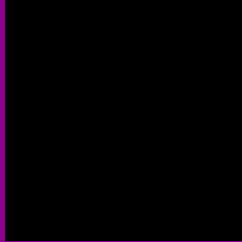
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 33, 73.655, 328.218

Background



This preview shows how black text looks on a background with the CIELCh color 33, 73.655, 328.218.

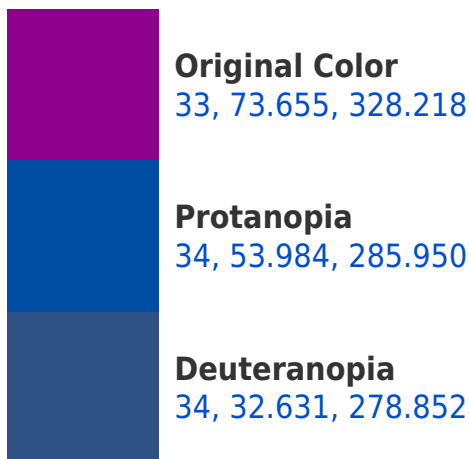


This preview shows how white text looks on a background with the CIELCh color 33, 73.655, 328.218.

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
34, 35.895, 22.715

Trichromacy



Original Color
33, 73.655, 328.218



Protanomaly
28, 66.662, 301.157



Deuteranomaly
29, 53.196, 308.127



Tritanomaly
32, 46.810, 350.030

Monochromacy



Original Color
33, 73.655, 328.218



Achromatopsia
25, 0.004, 296.813



Achromatomaly
24, 37.429, 327.158

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 33, 73.655, 328.218 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(140, 2, 140)` looks like.

```
.text, #text, p{  
    color:rgb(140, 2, 140)  
}
```

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(140, 2, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 2, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 33, 73.655, 328.218 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(140, 2, 140) }
```

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

```
.border{ border-color:rgb(140, 2, 140) }
```

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

Here you see how a box with a 4 pixel rgb(140, 2, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 2, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 2, 140);  
box-shadow:4px 4px 4px 4px rgb(140, 2,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 33, 73.655, 328.218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 2, 140) }
```

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

```
.background{ background-color: rgb(140, 2,  
140) }
```

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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