

Converting Colors

CIELCh(33, 72.684, 327.757)

Have a look what the booklet for
CIELCh(33, 72.684, 327.757)
contains.

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Color

CIELCh(33, 72.565, 327.885)

Conversions

Conversions Part 1

Format	Color
Hex	8B088C
RGB	139, 8, 140
RGB Percent	55%, 3%, 55%
CMY	0.4559, 0.9669, 0.4519
CMYK	0.01, 0.94, 0.00, 0.45
HSL	300°, 89%, 29%
HSV	300°, 94%, 55%
XYZ	15.4146, 7.5373, 25.3640
YIQ	62.2170, 35.7040, 68.8240

Conversions

Conversions Part 2

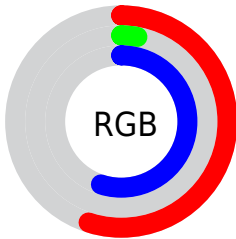
Format	Color
RYB	139, 8, 140
Decimal	9111692
CIELab	33.00, 61.46, -38.58
CIELCh	33, 72.565, 327.885
Yxy	7.5373, 0.3190, 0.1560
Android (android.graphics.Color)	4287301772 (0xFF8B088C)
YUV	62.2170, 38.3470, 67.3387
Hunter-Lab	27.4541, 52.1773, -35.5585

Details

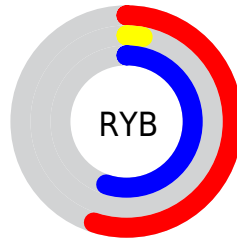
The CIELCh color **33, 72.565, 327.885** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **50, 74.911, 136.300**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **53, 72.653, 327.957**, and **18, 53.773, 326.186** is the 20% darker color. If you saturate the color by 10%, you get **33, 73.906, 327.934**, and if you desaturate by 10%, it is **34, 69.681, 327.771**.

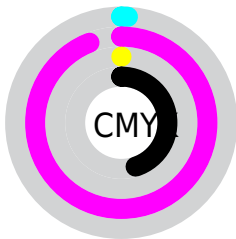
Distribution



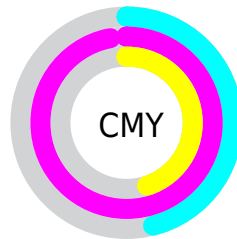
- Red (55%)
- Green (3%)
- Blue (55%)



- Red (55%)
- Yellow (3%)
- Blue (55%)



- Cyan (1%)
- Magenta (94%)
- Yellow (0%)
- Black (45%)




- Cyan (46%)
- Magenta (97%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 33, 72.565, 327.885 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, 72.565, 327.885 by changing the saturation by 10% instead.


 33, 72.565,
327.885

 33, 72.565,
327.885

 100, 72.565,
327.885


 23, 72.565,
327.885

 53, 72.565,
327.885


 13, 72.565,
327.885


 63, 72.565,
327.885

 3, 72.565, 327.885

 73, 72.565,
327.885

 0, 72.565, 327.885

 83, 72.565,
327.885

 93, 72.565,
327.885

■ 33, 72.565,
327.885

■ 33, 72.565,
327.885

■ 33, 73.906,
327.934

■ 34, 69.681,
327.771

■ 35, 65.036,
327.566

■ 37, 58.745,
327.274

■ 40, 51.094,
326.905

■ 43, 42.439,
326.473

■ 46, 33.125,
325.994

■ 49, 23.447,
325.485

■ 53, 13.635,

324.957

■ 57, 3.854, 324.395

Harmonies

Complementary

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



33, 72.565, 327.885



50, 74.911, 136.300

Rectangle

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



33, 72.565, 327.885



33, 72.565, 17.885



33, 72.565, 147.885



33, 72.565, 197.885

Sweetspot

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



33, 72.563, 327.885



61, 33.809, 325.724



16, 81.448, 305.299



30, 23.487, 325.919



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, 72.563, 327.885



43, 89.391, 327.928



30, 53.575, 357.435



27, 5.428, 324.695



31, 71.137, 327.936



0, 2.505, 324.234

Inverse Universe

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



29, 62.847, 37.321



38, 80.496, 39.670



51, 55.028, 150.095



27, 3.148, 19.259



27, 62.887, 38.356



0, 1.414, 18.762

Previews

White Background



This preview shows how the CIELCh color 33, 72.565, 327.885 looks on a white background.

Color Contrast Check

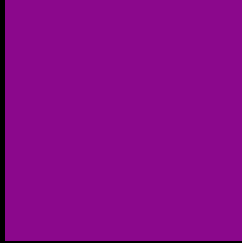
Large Text (above 18pt) WCAG AA ✓ Pass

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, 72.565, 327.885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

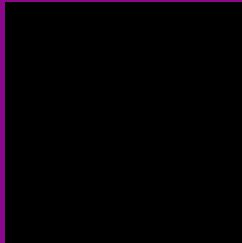
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 33, 72.565, 327.885

Background



This preview shows how black text looks on a background with the CIELCh color 33, 72.565, 327.885.

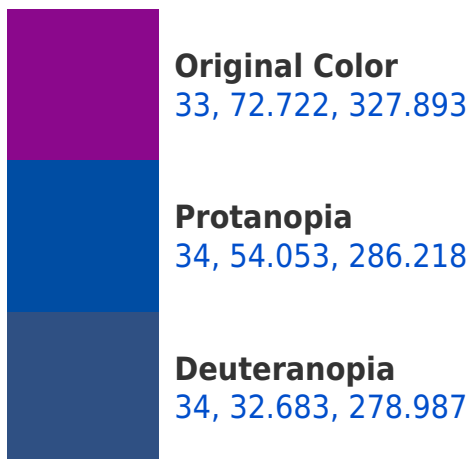


This preview shows how white text looks on a background with the CIELCh color 33, 72.565, 327.885.

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, 35.441, 22.575

Trichromacy



Original Color
33, 72.722, 327.893



Protanomaly
28, 65.381, 300.403



Deuteranomaly
30, 51.292, 306.989



Tritanomaly
32, 45.500, 350.659

Monochromacy



Original Color
33, 72.722, 327.893



Achromatopsia
26, 0.004, 296.813



Achromatomaly
26, 34.804, 326.958

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 33, 72.565, 327.885 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(139, 8, 140)` looks like.

```
.text, #text, p{  
    color:rgb(139, 8, 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(139, 8, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 8, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 33, 72.565, 327.885 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(139, 8, 140) }
```

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

```
.border{ border-color:rgb(139, 8, 140) }
```

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

Here you see how a box with a 4 pixel rgb(139, 8, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 8, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 8, 140);  
box-shadow:4px 4px 4px 4px rgb(139, 8,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 33, 72.565, 327.885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 8, 140) }
```

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

```
.background{ background-color: rgb(139, 8,  
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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