

Converting Colors

CIELCh(32, 74.174, 327.038)

Have a look what the booklet for
CIELCh(32, 74.174, 327.038)
contains.

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Color

CIELCh(32, 74.068, 327.132)

Conversions

Conversions Part 1

Format	Color
Hex	88008C
RGB	136, 0, 140
RGB Percent	53%, 0%, 55%
CMY	0.4677, 1.0000, 0.4520
CMYK	0.03, 1.00, 0.00, 0.45
HSL	298°, 100%, 27%
HSV	298°, 100%, 55%
XYZ	14.8186, 7.0852, 25.2998
YIQ	56.6240, 36.1160, 72.3720

Conversions

Conversions Part 2

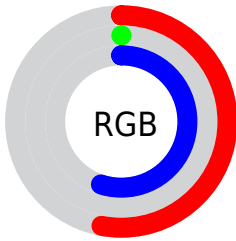
Format	Color
R_{YB}	136, 0, 140
Decimal	8913036
CIE _{Lab}	32.00, 62.21, -40.20
CIE _{LCh}	32, 74.068, 327.132
Yxy	7.0852, 0.3139, 0.1501
Android (android.graphics.Color)	4287103116 (0xFF88008C)
YUV	56.6240, 41.1044, 69.6128
Hunter-Lab	26.6180, 52.7923, -37.7212

Details

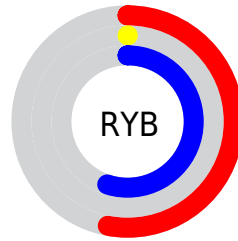
The CIELCh color **32, 74.068, 327.132** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **50, 76.392, 135.849**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **52, 73.869, 327.218**, and **18, 53.903, 324.981** is the 20% darker color. If you saturate the color by 10%, you get **32, 73.971, 327.126**, and if you desaturate by 10%, it is **33, 71.633, 327.097**.

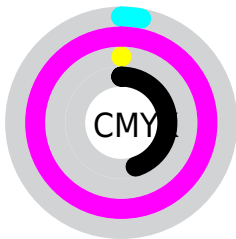
Distribution



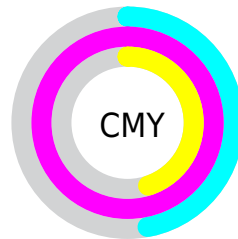
- Red (53%)
- Green (0%)
- Blue (55%)



- Red (53%)
- Yellow (0%)
- Blue (55%)



- Cyan (3%)
- Magenta (100%)
- Yellow (0%)
- Black (45%)





- Cyan (47%)
- Magenta (100%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 74.068, 327.132 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 32, 74.068, 327.132 by changing the saturation by 10% instead.


 32, 74.068,
327.132


 32, 74.068,
327.132

 100, 74.068,
327.132


 22, 74.068,
327.132

 52, 74.068,
327.132


 12, 74.068,
327.132


 62, 74.068,
327.132

 2, 74.068, 327.132

 72, 74.068,
327.132

 0, 74.068, 327.132

 82, 74.068,
327.132

 92, 74.068,
327.132

■ 32, 74.068,
327.132

■ 32, 74.068,
327.132

■ 32, 73.971,
327.126

■ 33, 71.633,
327.097

■ 34, 67.993,
326.993

■ 36, 62.604,
326.787

■ 38, 55.682,
326.487

■ 41, 47.564,
326.109

■ 44, 38.609,
325.672

■ 47, 29.145,
325.194

■ 51, 19.436,

324.689

■ 54, 9.677, 324.167

Harmonies

Complementary

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



32, 74.068, 327.132



50, 76.392, 135.849

Rectangle

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



32, 74.068, 327.132



32, 74.068, 17.132



32, 74.068, 147.132



32, 74.068, 197.132

Sweetspot

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



32, 73.971, 327.126



60, 35.997, 325.225



15, 83.818, 305.727



30, 24.709, 325.406



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



32, 73.971, 327.126



42, 89.482, 327.103



30, 54.714, 357.912



27, 5.392, 324.122



30, 71.207, 327.132



0, 2.489, 323.673

Inverse Universe

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



28, 64.964, 37.884



38, 79.570, 38.811



51, 58.180, 148.091



27, 3.148, 17.555



27, 62.237, 37.521



0, 1.416, 17.015

Previews

White Background



This preview shows how the CIELCh color 32, 74.068, 327.132 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 32, 74.068, 327.132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

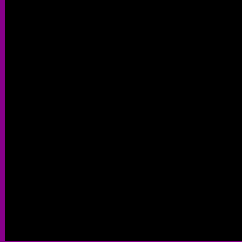
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 74.068, 327.132

Background



This preview shows how black text looks on a background with the CIELCh color 32, 74.068, 327.132.



This preview shows how white text looks on a background with the CIELCh color 32, 74.068, 327.132.

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



Original Color

32, 74.068, 327.132

Protanopia

33, 52.968, 285.911

Deuteranopia

33, 33.503, 278.229



Tritanopia
33, 34.074, 22.144

Trichromacy



Original Color
32, 74.068, 327.132



Protanomaly
27, 66.875, 301.329



Deuteranomaly
28, 53.946, 306.825



Tritanomaly
31, 46.064, 348.840

Monochromacy



Original Color
32, 74.068, 327.132



Achromatopsia
24, 0.004, 296.813



Achromatomaly
23, 37.351, 326.605

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 74.068, 327.132 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(136, 0, 140)` looks like.

```
.text, #text, p{  
    color:rgb(136, 0, 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(136, 0, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 0, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 74.068, 327.132 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(136, 0, 140) }
```

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

```
.border{ border-color:rgb(136, 0, 140) }
```

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

Here you see how a box with a 4 pixel rgb(136, 0, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 0, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 0, 140);  
box-shadow:4px 4px 4px 4px rgb(136, 0,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 74.068, 327.132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 0, 140) }
```

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

```
.background{ background-color: rgb(136, 0,  
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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