

Converting Colors

CIELCh(32, 71.431, 329.431)

Have a look what the booklet for
CIELCh(32, 71.431, 329.431)
contains.

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Color

CIELCh(32, 71.599, 329.389)

Conversions

Conversions Part 1

Format	Color
Hex	8A0086
RGB	138, 0, 134
RGB Percent	54%, 0%, 53%
CMY	0.4598, 1.0000, 0.4754
CMYK	0.00, 1.00, 0.03, 0.46
HSL	302°, 100%, 27%
HSV	302°, 100%, 54%
XYZ	14.7214, 7.0852, 23.0615
YIQ	56.5380, 39.2340, 70.9300

Conversions

Conversions Part 2

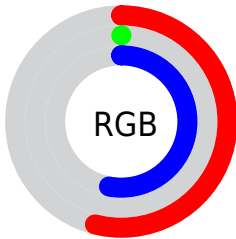
Format	Color
R_{YB}	138, 0, 134
Decimal	9044102
CIE _{Lab}	32.00, 61.62, -36.46
CIE _{LCh}	32, 71.599, 329.389
Yxy	7.0852, 0.3281, 0.1579
Android (android.graphics.Color)	4287234182 (0xFF8A0086)
YUV	56.5380, 38.1888, 71.4422
Hunter-Lab	26.6180, 52.1399, -32.7357

Details

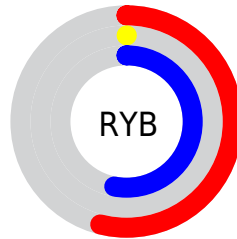
The CIELCh color **32, 71.599, 329.389** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **50, 75.160, 136.349**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **52, 71.598, 329.344**, and **18, 51.554, 327.799** is the 20% darker color. If you saturate the color by 10%, you get **32, 71.510, 329.386**, and if you desaturate by 10%, it is **33, 69.376, 329.191**.

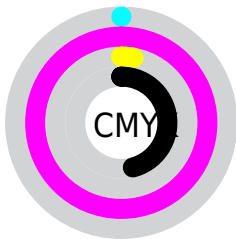
Distribution



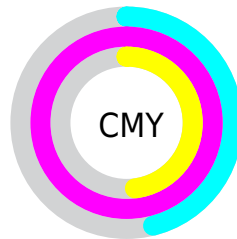
- Red (54%)
- Green (0%)
- Blue (53%)



- Red (54%)
- Yellow (0%)
- Blue (53%)



- Cyan (0%)
- Magenta (100%)
- Yellow (3%)
- Black (46%)





- Cyan (46%)
- Magenta (100%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 71.599, 329.389 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, 71.599, 329.389 by changing the saturation by 10% instead.

 32, 71.599,
329.389


 32, 71.599,
329.389

 100, 71.599,
329.389


 22, 71.599,
329.389

 52, 71.599,
329.389


 12, 71.599,
329.389


 62, 71.599,
329.389

 2, 71.599, 329.389

 72, 71.599,
329.389

 0, 71.599, 329.389

 82, 71.599,
329.389

 92, 71.599,
329.389

■ 32, 71.599,
329.389

■ 32, 71.599,
329.389

■ 32, 71.510,
329.386

■ 33, 69.376,
329.191

■ 34, 65.978,
328.947

■ 35, 60.857,
328.634

■ 38, 54.215,
328.254

■ 40, 46.373,
327.817

■ 43, 37.683,
327.334

■ 46, 28.469,
326.819

■ 50, 18.996,

326.284

■ 54, 9.462, 325.736

Harmonies

Complementary

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



32, 71.599, 329.389



50, 75.160, 136.349

Rectangle

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



32, 71.599, 329.389



32, 71.599, 19.389



32, 71.599, 149.389



32, 71.599, 199.389

Sweetspot

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



32, 71.510, 329.386



59, 35.168, 326.853



15, 84.555, 306.357



29, 23.853, 327.043



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



32, 71.510, 329.386



42, 86.453, 329.412



29, 53.575, 2.430



27, 5.335, 325.688



31, 69.566, 329.382



0, 2.463, 325.218

Inverse Universe

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



32, 71.510, 329.386



42, 86.453, 329.412



50, 54.697, 150.597



27, 5.335, 325.688



31, 69.566, 329.382



0, 2.463, 325.218

Previews

White Background



This preview shows how the CIELCh color 32, 71.599, 329.389 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, 71.599, 329.389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

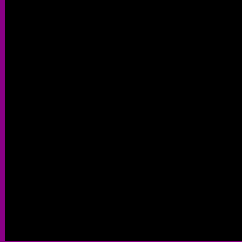
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 71.599, 329.389

Background



This preview shows how black text looks on a background with the CIELCh color 32, 71.599, 329.389.



This preview shows how white text looks on a background with the CIELCh color 32, 71.599, 329.389.

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, 71.599, 329.389

Protanopia

33, 52.968, 285.911

Deuteranopia

34, 30.159, 279.163



Tritanopia
33, 36.662, 23.989

Trichromacy



Original Color
32, 71.599, 329.389

Protanomaly
27, 65.122, 301.338

Deuteranomaly
29, 51.069, 309.664

Tritanomaly
31, 46.328, 352.769

Monochromacy



Original Color
32, 71.599, 329.389

Achromatopsia
24, 0.004, 296.813

Achromatomaly
23, 35.897, 328.388

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 71.599, 329.389 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(138, 0, 134)` looks like.

```
.text, #text, p{  
    color:rgb(138, 0, 134)  
}
```

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(138, 0, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 0, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 71.599, 329.389 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(138, 0, 134) }
```

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

```
.border{ border-color:rgb(138, 0, 134) }
```

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

Here you see how a box with a 4 pixel rgb(138, 0, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 0, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 0, 134);  
box-shadow:4px 4px 4px 4px rgb(138, 0,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 71.599, 329.389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 0, 134) }
```

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

```
.background{ background-color: rgb(138, 0,  
134) }
```

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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