

Converting Colors

CIELCh(30, 67.380, 329.471)

Have a look what the booklet for
CIELCh(30, 67.380, 329.471)
contains.

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Color

CIELCh(30, 67.371, 329.441)

Conversions

Conversions Part 1

Format	Color
Hex	81047D
RGB	129, 4, 125
RGB Percent	51%, 2%, 49%
CMY	0.4941, 0.9842, 0.5098
CMYK	0.00, 0.97, 0.03, 0.49
HSL	302°, 94%, 26%
HSV	302°, 97%, 51%
XYZ	12.8003, 6.2359, 19.9336
YIQ	55.1690, 35.6590, 64.1310

Conversions

Conversions Part 2

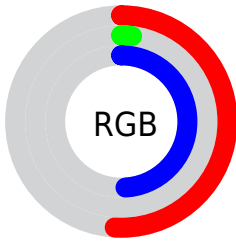
Format	Color
RYB	129, 4, 125
Decimal	8455293
CIELab	30.00, 58.01, -34.25
CIELCh	30, 67.371, 329.441
Yxy	6.2359, 0.3285, 0.1600
Android (android.graphics.Color)	4286645373 (0xFF81047D)
YUV	55.1690, 34.4267, 64.7498
Hunter-Lab	24.9718, 47.7968, -29.8477

Details

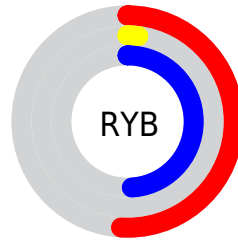
The CIELCh color **30, 67.371, 329.441** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **47, 70.725, 136.583**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 67.093, 329.421**, and **16, 47.710, 328.233** is the 20% darker color. If you saturate the color by 10%, you get **30, 68.043, 329.506**, and if you desaturate by 10%, it is **31, 65.025, 329.224**.

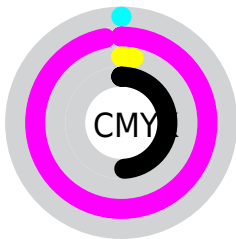
Distribution



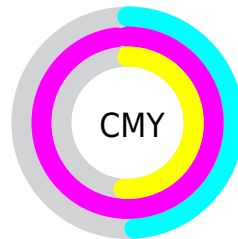
- Red (51%)
- Green (2%)
- Blue (49%)



- Red (51%)
- Yellow (2%)
- Blue (49%)



- Cyan (0%)
- Magenta (97%)
- Yellow (3%)
- Black (49%)





- Cyan (49%)
- Magenta (98%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 67.371, 329.441 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 30, 67.371, 329.441 by changing the saturation by 10% instead.


 30, 67.371,
329.441


 30, 67.371,
329.441

 100, 67.371,
329.441


 20, 67.371,
329.441


 50, 67.371,
329.441


 10, 67.371,
329.441

 60, 67.371,
329.441

 0, 67.371, 329.441

 70, 67.371,
329.441

 80, 67.371,
329.441

 90, 67.371,
329.441

■ 30, 67.371,
329.441

■ 30, 67.371,
329.441

■ 30, 68.043,
329.506

■ 31, 65.025,
329.224

■ 32, 61.214,
328.949

■ 34, 55.829,
328.607

■ 36, 49.112,
328.204

■ 39, 41.381,
327.749

■ 41, 32.963,
327.254

■ 45, 24.142,
326.733

■ 48, 15.147,

326.195

■ 52, 6.142, 325.641

Harmonies

Complementary

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



30, 67.371, 329.441



47, 70.725, 136.583

Rectangle

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



30, 67.371, 329.441



30, 67.371, 19.441



30, 67.371, 149.441



30, 67.371, 199.441

Sweetspot

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



30, 67.369, 329.441



57, 32.351, 326.881



14, 78.797, 305.938



27, 22.059, 327.068



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



30, 67.369, 329.441



40, 82.578, 329.537



27, 50.546, 1.064



25, 4.992, 325.767



29, 67.470, 329.504



0, 0.000, 0.000

Inverse Universe

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



30, 67.369, 329.441



40, 82.578, 329.537



47, 50.953, 151.356



25, 4.992, 325.767



29, 67.470, 329.504



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 30, 67.371, 329.441 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 30, 67.371, 329.441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

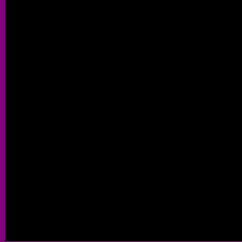
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 67.371, 329.441

Background



This preview shows how black text looks on a background with the CIELCh color 30, 67.371, 329.441.



This preview shows how white text looks on a background with the CIELCh color 30, 67.371, 329.441.

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

30, 67.371, 329.441

Protanopia

31, 50.406, 285.806

Deuteranopia

31, 27.960, 278.595



Tritanopia
31, 34.684, 23.757

Trichromacy



Original Color
30, 67.371, 329.441

Protanomaly
25, 60.634, 300.650

Deuteranomaly
27, 46.453, 308.844

Tritanomaly
29, 43.450, 352.395

Monochromacy



Original Color
30, 67.371, 329.441

Achromatopsia
23, 0.004, 296.813

Achromatomaly
22, 33.408, 328.391

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 67.371, 329.441 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(129, 4, 125)` looks like.

```
.text, #text, p{  
    color:rgb(129, 4, 125)  
}
```

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(129, 4, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 4, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 67.371, 329.441 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(129, 4, 125) }
```

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

```
.border{ border-color:rgb(129, 4, 125) }
```

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

Here you see how a box with a 4 pixel rgb(129, 4, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 4, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 4, 125);  
box-shadow:4px 4px 4px 4px rgb(129, 4,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 30, 67.371, 329.441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 4, 125) }
```

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

```
.background{ background-color: rgb(129, 4,  
125) }
```

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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