

Converting Colors

CIELCh(28, 67.194, 327.379)

Have a look what the booklet for
CIELCh(28, 67.194, 327.379)
contains.

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Color

CIELCh(28, 67.240, 327.291)

Conversions

Conversions Part 1

Format	Color
Hex	78017B
RGB	120, 1, 123
RGB Percent	47%, 0%, 48%
CMY	0.5290, 0.9954, 0.5173
CMYK	0.02, 0.99, 0.00, 0.52
HSL	299°, 98%, 24%
HSV	299°, 99%, 48%
XYZ	11.3518, 5.4574, 19.2225
YIQ	50.4890, 31.7620, 63.1700

Conversions

Conversions Part 2

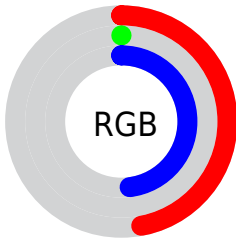
Format	Color
RYB	120, 1, 123
Decimal	7864699
CIELab	28.00, 56.58, -36.33
CIELCh	28, 67.240, 327.291
Yxy	5.4574, 0.3151, 0.1515
Android (android.graphics.Color)	4286054779 (0xFF78017B)
YUV	50.4890, 35.7479, 60.9611
Hunter-Lab	23.3610, 45.8566, -32.4338

Details

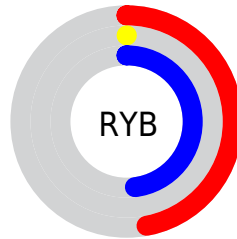
The CIELCh color **28, 67.240, 327.291** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **45, 69.421, 135.914**, and the grayscale version is **21, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 67.438, 327.424**, and **14, 47.058, 325.339** is the 20% darker color. If you saturate the color by 10%, you get **28, 67.472, 327.297**, and if you desaturate by 10%, it is **29, 64.806, 327.231**.

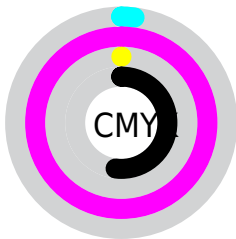
Distribution



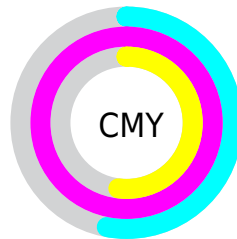
- Red (47%)
- Green (0%)
- Blue (48%)



- Red (47%)
- Yellow (0%)
- Blue (48%)



- Cyan (2%)
- Magenta (99%)
- Yellow (0%)
- Black (52%)





- Cyan (53%)
- Magenta (100%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 67.240, 327.291 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 28, 67.240, 327.291 by changing the saturation by 10% instead.

 28, 67.240,
327.291


 28, 67.240,
327.291

 100, 67.240,
327.291


 18, 67.240,
327.291


 48, 67.240,
327.291


 8, 67.240, 327.291

 58, 67.240,
327.291

 0, 67.240, 327.291

 68, 67.240,
327.291

 78, 67.240,
327.291

 88, 67.240,
327.291

 98, 67.240,

327.291

■ 28, 67.240,
327.291

■ 28, 67.240,
327.291

■ 28, 67.472,
327.297

■ 29, 64.806,
327.231

■ 30, 61.217,
327.099

■ 32, 56.094,
326.871

■ 34, 49.654,
326.556

■ 36, 42.197,
326.169

■ 39, 34.040,
325.727

■ 42, 25.462,
325.247

■ 45, 16.689,
324.744

■ 49, 7.888, 324.224

Harmonies

Complementary

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



28, 67.240, 327.291



45, 69.421, 135.914

Rectangle

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



28, 67.240, 327.291



28, 67.240, 17.291



28, 67.240, 147.291



28, 67.240, 197.291

Sweetspot

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



28, 67.238, 327.291



54, 32.694, 325.331



13, 75.685, 305.508



26, 22.444, 325.500



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



28, 67.238, 327.291



37, 81.895, 327.274



26, 49.839, 357.125



24, 4.893, 324.225



28, 68.204, 327.296



59, 114.820, 327.246

Inverse Universe

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



24, 58.227, 36.899



33, 72.758, 38.731



45, 52.409, 148.573



24, 2.851, 17.876



25, 59.369, 37.206



53, 102.817, 39.319

Previews

White Background



This preview shows how the CIELCh color 28, 67.240, 327.291 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 28, 67.240, 327.291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

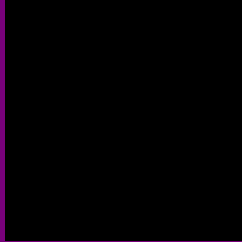
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 67.240, 327.291

Background



This preview shows how black text looks on a background with the CIELCh color 28, 67.240, 327.291.



This preview shows how white text looks on a background with the CIELCh color 28, 67.240, 327.291.

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

28, 67.240, 327.291

Protanopia

29, 47.743, 285.376

Deuteranopia

30, 30.247, 278.214



Tritanopia
29, 30.897, 21.565

Trichromacy



Original Color
28, 67.240, 327.291

Protanomaly
24, 59.279, 301.032

Deuteranomaly
25, 48.519, 306.753

Tritanomaly
27, 41.857, 348.557

Monochromacy



Original Color
28, 67.240, 327.291

Achromatopsia
21, 0.004, 296.813

Achromatomaly
21, 33.076, 326.419

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 67.240, 327.291 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(120, 1, 123)` looks like.

```
.text, #text, p{  
    color:rgb(120, 1, 123)  
}
```

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(120, 1, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 1, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 67.240, 327.291 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(120, 1, 123) }
```

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

```
.border{ border-color:rgb(120, 1, 123) }
```

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

Here you see how a box with a 4 pixel rgb(120, 1, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 1, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 1, 123);  
box-shadow:4px 4px 4px 4px rgb(120, 1,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 28, 67.240, 327.291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 1, 123) }
```

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

```
.background{ background-color: rgb(120, 1,  
123) }
```

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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