

Converting Colors

CIELCh(28, 66.422, 328.259)

Have a look what the booklet for
CIELCh(28, 66.422, 328.259)
contains.

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Color

CIELCh(28, 66.382, 328.222)

Conversions

Conversions Part 1

Format	Color
Hex	790179
RGB	121, 1, 121
RGB Percent	47%, 0%, 47%
CMY	0.5258, 0.9966, 0.5257
CMYK	0.00, 0.99, 0.00, 0.53
HSL	300°, 99%, 24%
HSV	300°, 99%, 47%
XYZ	11.3316, 5.4574, 18.5240
YIQ	50.5600, 33.0000, 62.7600

Conversions

Conversions Part 2

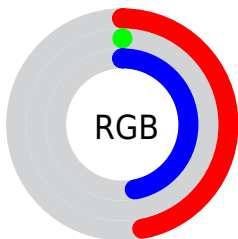
Format	Color
R_{YB}	121, 1, 121
Decimal	7930233
CIE _{Lab}	28.00, 56.43, -34.96
CIE _{LCh}	28, 66.382, 328.222
Yxy	5.4574, 0.3209, 0.1545
Android (android.graphics.Color)	4286120313 (0xFF790179)
YUV	50.5600, 34.7269, 61.7759
Hunter-Lab	23.3610, 45.7019, -30.6608

Details

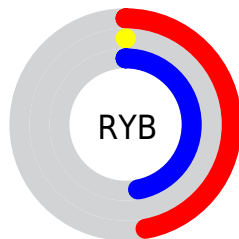
The CIELCh color **28, 66.382, 328.222** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **44, 68.766, 136.063**, and the grayscale version is **21, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 66.185, 328.281**, and **14, 46.542, 326.270** is the 20% darker color. If you saturate the color by 10%, you get **28, 66.552, 328.231**, and if you desaturate by 10%, it is **29, 64.008, 328.100**.

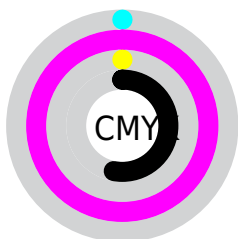
Distribution



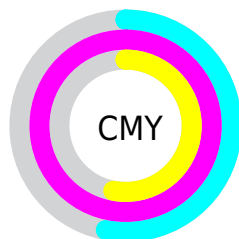
- Red (47%)
- Green (0%)
- Blue (47%)



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



- Cyan (0%)
- Magenta (99%)
- Yellow (0%)
- Black (53%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 66.382, 328.222 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, 66.382, 328.222 by changing the saturation by 10% instead.

 28, 66.382,
328.222


 28, 66.382,
328.222

 100, 66.382,
328.222

 18, 66.382,
328.222


 48, 66.382,
328.222

 8, 66.382, 328.222

 58, 66.382,
328.222

 0, 66.382, 328.222

 68, 66.382,
328.222

 78, 66.382,
328.222

 88, 66.382,
328.222

 98, 66.382,

328.222

■ 28, 66.382,
328.222

■ 28, 66.382,
328.222

■ 28, 66.552,
328.231

■ 29, 64.008,
328.100

■ 30, 60.550,
327.919

■ 31, 55.582,
327.655

■ 33, 49.297,
327.314

■ 36, 41.983,
326.907

■ 38, 33.947,
326.449

■ 41, 25.469,
325.955

■ 44, 16.777,
325.438

■ 48, 8.042, 324.903

Harmonies

Complementary

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



28, 66.382, 328.222



44, 68.766, 136.063

Rectangle

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



28, 66.382, 328.222



28, 66.382, 18.222



28, 66.382, 148.222



28, 66.382, 198.222

Sweetspot

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



28, 66.380, 328.222



53, 32.481, 326.030



12, 75.704, 305.851



25, 22.000, 326.198



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



28, 66.380, 328.222



37, 80.849, 328.231



25, 49.028, 358.589



24, 4.930, 324.893



29, 68.132, 328.231



60, 114.690, 328.231

Inverse Universe

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



24, 58.138, 37.748



32, 72.801, 39.663



44, 50.938, 149.371



24, 2.851, 19.866



25, 60.074, 38.172



53, 103.780, 39.999

Previews

White Background



This preview shows how the CIELCh color 28, 66.382, 328.222 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, 66.382, 328.222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

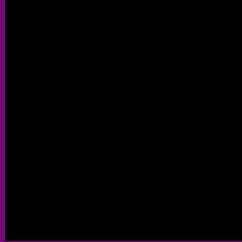
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 66.382, 328.222

Background



This preview shows how black text looks on a background with the CIELCh color 28, 66.382, 328.222.



This preview shows how white text looks on a background with the CIELCh color 28, 66.382, 328.222.

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, 66.382, 328.222

Protanopia

29, 48.332, 285.712

Deuteranopia

30, 28.917, 278.307



Tritanopia
29, 31.902, 22.014

Trichromacy



Original Color
28, 66.382, 328.222

Protanomaly
24, 59.279, 301.032

Deuteranomaly
25, 47.333, 307.677

Tritanomaly
27, 42.054, 350.417

Monochromacy



Original Color
28, 66.382, 328.222

Achromatopsia
21, 0.004, 296.813

Achromatomaly
20, 33.233, 327.130

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 66.382, 328.222 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(121, 1, 121)` looks like.

```
.text, #text, p{  
    color:rgb(121, 1, 121)  
}
```

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(121, 1, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 1, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 66.382, 328.222 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(121, 1, 121) }
```

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

```
.border{ border-color:rgb(121, 1, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 1, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 1, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 1, 121);  
box-shadow:4px 4px 4px 4px rgb(121, 1,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 28, 66.382, 328.222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 1, 121) }
```

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

```
.background{ background-color: rgb(121, 1,  
121) }
```

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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