

Converting Colors

CIELCh(28, 63.484, 332.176)

Have a look what the booklet for
CIELCh(28, 63.484, 332.176)
contains.

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Color

CIELCh(28, 63.351, 331.969)

Conversions

Conversions Part 1

Format	Color
Hex	7C0071
RGB	124, 0, 113
RGB Percent	49%, 0%, 44%
CMY	0.5143, 1.0000, 0.5574
CMYK	0.00, 1.00, 0.09, 0.51
HSL	305°, 100%, 24%
HSV	305°, 100%, 49%
XYZ	11.2611, 5.4574, 16.0428
YIQ	49.9580, 37.6310, 61.4310

Conversions

Conversions Part 2

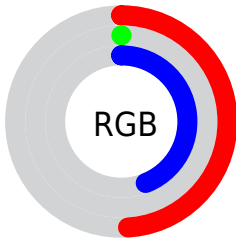
Format	Color
R_{YB}	124, 0, 113
Decimal	8126577
CIE _{Lab}	28.00, 55.92, -29.77
CIE _{LCh}	28, 63.351, 331.969
Yxy	5.4574, 0.3437, 0.1666
Android (android.graphics.Color)	4286316657 (0xFF7C0071)
YUV	49.9580, 31.0797, 64.9348
Hunter-Lab	23.3610, 45.1631, -24.3636

Details

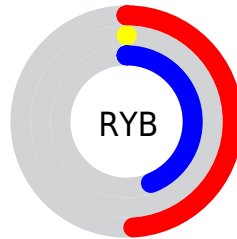
The CIELCh color **28, 63.351, 331.969** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **45, 68.254, 137.157**, and the grayscale version is **21, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 63.396, 332.088**, and **14, 42.889, 331.547** is the 20% darker color. If you saturate the color by 10%, you get **28, 63.297, 331.969**, and if you desaturate by 10%, it is **29, 61.326, 331.560**.

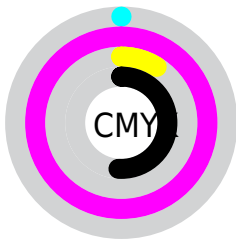
Distribution



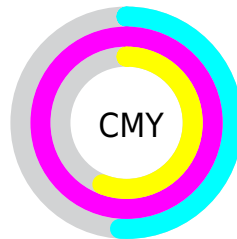
- Red (49%)
- Green (0%)
- Blue (44%)



- Red (49%)
- Yellow (0%)
- Blue (44%)



- Cyan (0%)
- Magenta (100%)
- Yellow (9%)
- Black (51%)





- Cyan (51%)
- Magenta (100%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 63.351, 331.969 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, 63.351, 331.969 by changing the saturation by 10% instead.

 28, 63.351,
331.969


 28, 63.351,
331.969

 100, 63.351,
331.969


 18, 63.351,
331.969


 48, 63.351,
331.969


 8, 63.351, 331.969

 58, 63.351,
331.969

 0, 63.351, 331.969

 68, 63.351,
331.969

 78, 63.351,
331.969

 88, 63.351,
331.969

 98, 63.351,

331.969

■ 28, 63.351,
331.969

■ 28, 63.351,
331.969

■ 28, 63.297,
331.969

■ 29, 61.326,
331.560

■ 30, 58.314,
331.133

■ 32, 53.749,
330.679

■ 34, 47.837,
330.193

■ 36, 40.878,
329.678

■ 39, 33.191,
329.140

■ 42, 25.059,
328.586

■ 45, 16.713,
328.025

■ 48, 8.323, 327.458

Harmonies

Complementary

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



28, 63.351, 331.969



45, 68.254, 137.157

Rectangle

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



28, 63.351, 331.969



28, 63.351, 21.969



28, 63.351, 151.969



28, 63.351, 201.969

Sweetspot

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



28, 63.297, 331.969



54, 30.995, 328.626



13, 77.892, 306.683



26, 21.275, 328.820



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, 63.297, 331.969



37, 76.361, 332.067



25, 49.477, 8.147



24, 4.640, 327.403



28, 63.695, 331.973



59, 106.835, 332.194

Inverse Universe

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



28, 63.297, 331.969



37, 76.361, 332.067



45, 46.880, 154.607



24, 4.640, 327.403



28, 63.695, 331.973



59, 106.835, 332.194

Previews

White Background



This preview shows how the CIELCh color 28, 63.351, 331.969 looks on a white background.

Color Contrast Check

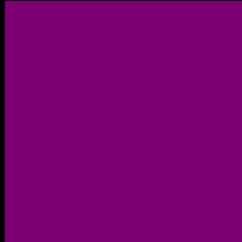
Large Text (above 18pt) WCAG AA ✓ Pass

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, 63.351, 331.969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

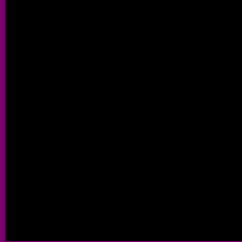
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 63.351, 331.969

Background



This preview shows how black text looks on a background with the CIELCh color 28, 63.351, 331.969.



This preview shows how white text looks on a background with the CIELCh color 28, 63.351, 331.969.

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, 63.351, 331.969

Protanopia
29, 48.332, 285.712

Deuteranopia
29, 24.113, 281.120



Tritanopia
29, 36.004, 24.612

Trichromacy



Original Color
28, 63.351, 331.969

Protanomaly
23, 57.473, 301.052

Deuteranomaly
25, 42.882, 312.838

Tritanomaly
28, 42.939, 355.858

Monochromacy



Original Color
28, 63.351, 331.969

Achromatopsia
21, 0.004, 296.813

Achromatomaly
20, 31.913, 329.946

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 63.351, 331.969 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(124, 0, 113)` looks like.

```
.text, #text, p{  
    color:rgb(124, 0, 113)  
}
```

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(124, 0, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 0, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 63.351, 331.969 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(124, 0, 113) }
```

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

```
.border{ border-color:rgb(124, 0, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 0, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 0, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 0, 113);  
box-shadow:4px 4px 4px 4px rgb(124, 0,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 28, 63.351, 331.969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 0, 113) }
```

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

```
.background{ background-color: rgb(124, 0,  
113) }
```

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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