

Converting Colors

CIELCh(28, 69.993, 320.784)

Have a look what the booklet for
CIELCh(28, 69.993, 320.784)
contains.

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Color

CIELCh(28, 70.284, 320.689)

Conversions

Conversions Part 1

Format	Color
Hex	6E1088
RGB	110, 16, 136
RGB Percent	43%, 6%, 53%
CMY	0.5688, 0.9375, 0.4668
CMYK	0.19, 0.88, 0.00, 0.47
HSL	287°, 79%, 30%
HSV	287°, 88%, 53%
XYZ	11.0506, 5.4574, 23.7482
YIQ	57.7860, 17.5040, 57.2480

Conversions

Conversions Part 2

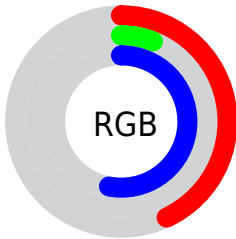
Format	Color
R_{YB}	110, 16, 136
Decimal	7213192
CIE _{Lab}	28.00, 54.38, -44.53
CIE _{LCh}	28, 70.284, 320.689
Yxy	5.4574, 0.2745, 0.1356
Android (android.graphics.Color)	4285403272 (0xFF6E1088)
YUV	57.7860, 38.5595, 45.7917
Hunter-Lab	23.3610, 43.5551, -43.9200

Details

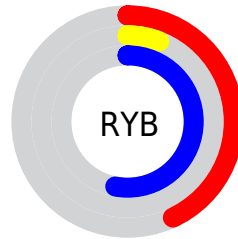
The CIELCh color **28, 70.284, 320.689** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **50, 69.269, 134.043**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 70.325, 320.665**, and **13, 53.873, 317.231** is the 20% darker color. If you saturate the color by 10%, you get **27, 73.391, 320.364**, and if you desaturate by 10%, it is **30, 65.671, 320.839**.

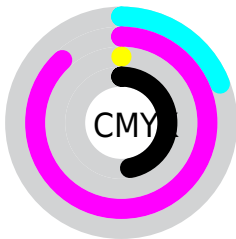
Distribution



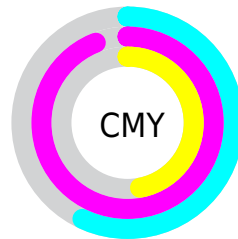
- Red (43%)
- Green (6%)
- Blue (53%)



- Red (43%)
- Yellow (6%)
- Blue (53%)



- Cyan (19%)
- Magenta (88%)
- Yellow (0%)
- Black (47%)





- Cyan (57%)
- Magenta (94%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 70.284, 320.689 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, 70.284, 320.689 by changing the saturation by 10% instead.

 28, 70.284,
320.689


 28, 70.284,
320.689

 100, 70.284,
320.689


 18, 70.284,
320.689


 48, 70.284,
320.689


 8, 70.284, 320.689

 58, 70.284,
320.689

 0, 70.284, 320.689

 68, 70.284,
320.689

 78, 70.284,
320.689

 88, 70.284,
320.689

 98, 70.284,

320.689

■ 28, 70.284,
320.689

■ 28, 70.284,
320.689

■ 27, 73.391,
320.364

■ 30, 65.671,
320.839

■ 26, 73.920,
320.311

■ 32, 59.430,
320.794

■ 35, 51.934,
320.598

■ 38, 43.583,
320.295

■ 42, 34.723,
319.922

■ 46, 25.624,
319.509

■ 49, 16.474,
319.078

■ 53, 7.401, 318.639

■ 57, 1.515, 138.344

Harmonies

Complementary

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



28, 70.284, 320.689



50, 69.269, 134.043

Rectangle

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



28, 70.284, 320.689



28, 70.284, 10.689



28, 70.284, 140.689



28, 70.284, 190.689

Sweetspot

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



28, 70.283, 320.689



59, 29.063, 319.436



22, 61.833, 297.985



29, 19.877, 319.563



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



28, 70.283, 320.689



35, 89.369, 320.152



31, 57.148, 341.414



27, 5.102, 318.679



26, 72.587, 320.328



0, 2.349, 318.310

Inverse Universe

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



29, 52.098, 21.061



37, 69.480, 27.962



49, 61.484, 143.214



27, 3.277, 2.753



27, 55.834, 26.485



0, 1.488, 1.988

Previews

White Background



This preview shows how the CIELCh color 28, 70.284, 320.689 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, 70.284, 320.689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

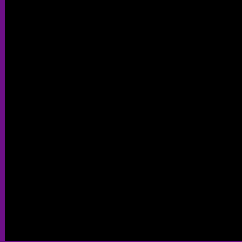
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 70.284, 320.689

Background



This preview shows how black text looks on a background with the CIELCh color 28, 70.284, 320.689.



This preview shows how white text looks on a background with the CIELCh color 28, 70.284, 320.689.

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, 70.284, 320.689

Protanopia

29, 47.219, 285.346

Deuteranopia

29, 35.503, 274.918



Tritanopia
29, 21.007, 16.771

Trichromacy



Original Color
28, 70.284, 320.689

Protanomaly
25, 58.363, 298.844

Deuteranomaly
25, 50.330, 296.790

Tritanomaly
27, 36.950, 336.856

Monochromacy



Original Color
28, 70.284, 320.689

Achromatopsia
24, 0.004, 296.813

Achromatomaly
24, 31.020, 320.492

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 70.284, 320.689 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(110, 16, 136)` looks like.

```
.text, #text, p{  
    color:rgb(110, 16, 136)  
}
```

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(110, 16, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 16, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 70.284, 320.689 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(110, 16, 136) }
```

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

```
.border{ border-color:rgb(110, 16, 136) }
```

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

Here you see how a box with a 4 pixel rgb(110, 16, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 16, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 16, 136);  
box-shadow:4px 4px 4px 4px rgb(110, 16,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 28, 70.284, 320.689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 16, 136) }
```

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

```
.background{ background-color: rgb(110, 16,  
136) }
```

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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