

Converting Colors

CIELCh(28, 53.505, 329.040)

Have a look what the booklet for
CIELCh(28, 53.505, 329.040)
contains.

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Color

CIELCh(28, 53.451, 328.964)

Conversions

Conversions Part 1

Format	Color
Hex	701D6D
RGB	112, 29, 109
RGB Percent	44%, 11%, 43%
CMY	0.5599, 0.8853, 0.5718
CMYK	0.00, 0.74, 0.03, 0.56
HSL	302°, 59%, 28%
HSV	302°, 74%, 44%
XYZ	9.9254, 5.4574, 15.0552
YIQ	62.9370, 23.7880, 42.4760

Conversions

Conversions Part 2

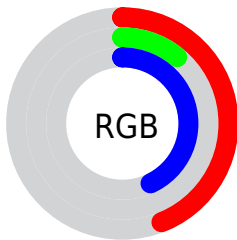
Format	Color
R_{YB}	112, 29, 109
Decimal	7347565
CIE _{Lab}	28.00, 45.80, -27.56
CIE _{LCh}	28, 53.451, 328.964
Yxy	5.4574, 0.3261, 0.1793
Android (android.graphics.Color)	4285537645 (0xFF701D6D)
YUV	62.9370, 22.7091, 43.0283
Hunter-Lab	23.3610, 34.9575, -21.8571

Details

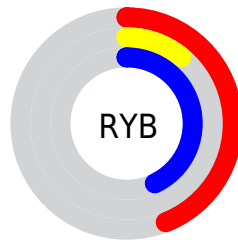
The CIELCh color **28, 53.451, 328.964** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **41, 54.690, 138.876**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 53.393, 328.830**, and **11, 41.632, 327.666** is the 20% darker color. If you saturate the color by 10%, you get **27, 57.421, 329.272**, and if you desaturate by 10%, it is **30, 48.166, 328.595**.

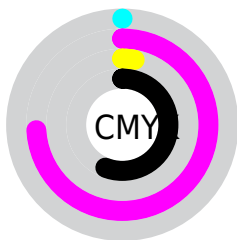
Distribution



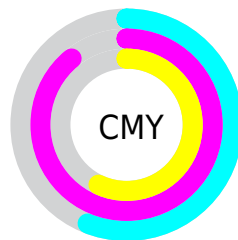
- Red (44%)
- Green (11%)
- Blue (43%)



- Red (44%)
- Yellow (11%)
- Blue (43%)



- Cyan (0%)
- Magenta (74%)
- Yellow (3%)
- Black (56%)





- Cyan (56%)
- Magenta (89%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 53.451, 328.964 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, 53.451, 328.964 by changing the saturation by 10% instead.

 28, 53.451,
328.964

 28, 53.451,
328.964

 100, 53.451,
328.964


 18, 53.451,
328.964


 48, 53.451,
328.964


 8, 53.451, 328.964

 58, 53.451,
328.964

 0, 53.451, 328.964

 68, 53.451,
328.964

 78, 53.451,
328.964

 88, 53.451,
328.964

 98, 53.451,

328.964

■ 28, 53.451,
328.964

■ 28, 53.451,
328.964

■ 27, 57.421,
329.272

■ 30, 48.166,
328.595

■ 26, 60.013,
329.521

■ 32, 41.817,
328.171

■ 25, 61.397,
329.661

■ 34, 34.686,
327.703

■ 37, 27.048,
327.202

■ 40, 19.132,
326.679

■ 43, 11.116,
326.144

■ 46, 3.128, 325.576

■ 49, 4.744, 145.149

■ 53, 12.447,
144.621

Harmonies

Complementary

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



28, 53.451, 328.964



41, 54.690, 138.876

Rectangle

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



28, 53.451, 328.964



28, 53.451, 18.964



28, 53.451, 148.964



28, 53.451, 198.964

Sweetspot

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



28, 53.449, 328.964



52, 21.731, 326.607



17, 55.951, 302.334



26, 14.716, 326.713



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



28, 53.449, 328.964



35, 71.607, 329.459



26, 39.765, 355.119



22, 4.471, 325.874



27, 64.338, 329.671



58, 109.708, 329.757

Inverse Universe

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



28, 53.449, 328.964



35, 71.607, 329.459



42, 37.298, 156.924



22, 4.471, 325.874



27, 64.338, 329.671



58, 109.708, 329.757

Previews

White Background



This preview shows how the CIELCh color 28, 53.451, 328.964 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, 53.451, 328.964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

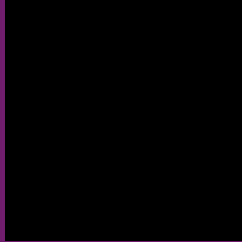
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 53.451, 328.964

Background



This preview shows how black text looks on a background with the CIELCh color 28, 53.451, 328.964.



This preview shows how white text looks on a background with the CIELCh color 28, 53.451, 328.964.

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, 53.451, 328.964

Protanopia

28, 47.287, 285.662

Deuteranopia

29, 24.269, 280.654



Tritanopia
28, 27.543, 20.175

Trichromacy



Original Color
28, 53.451, 328.964

Protanomaly
25, 49.518, 296.190

Deuteranomaly
27, 35.146, 307.094

Tritanomaly
28, 33.261, 352.249

Monochromacy



Original Color
28, 53.451, 328.964

Achromatopsia
27, 0.004, 296.813

Achromatomaly
26, 22.571, 327.196

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 53.451, 328.964 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(112, 29, 109)` looks like.

```
.text, #text, p{  
    color:rgb(112, 29, 109)  
}
```

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(112, 29, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 29, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 53.451, 328.964 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(112, 29, 109) }
```

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

```
.border{ border-color:rgb(112, 29, 109) }
```

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

Here you see how a box with a 4 pixel rgb(112, 29, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 29, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 29, 109);  
box-shadow:4px 4px 4px 4px rgb(112, 29,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 28, 53.451, 328.964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 29, 109) }
```

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

```
.background{ background-color: rgb(112, 29,  
109) }
```

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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