

Converting Colors

CIELCh(28, 53.216, 359.088)

Have a look what the booklet for
CIELCh(28, 53.216, 359.088)
contains.

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Color

CIELCh(28, 52.842, 359.406)

Conversions

Conversions Part 1

Format	Color
Hex	860045
RGB	134, 0, 69
RGB Percent	53%, 0%, 27%
CMY	0.4757, 1.0000, 0.7304
CMYK	0.00, 1.00, 0.49, 0.48
HSL	329°, 100%, 26%
HSV	329°, 100%, 52%
XYZ	10.8426, 5.4574, 6.0718
YIQ	47.9320, 57.7150, 49.8670

Conversions

Conversions Part 2

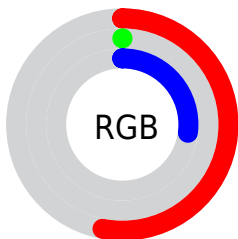
Format	Color
RYB	134, 0, 69
Decimal	8781893
CIELab	28.00, 52.84, -0.55
CIELCh	28, 52.842, 359.406
Yxy	5.4574, 0.4847, 0.2439
Android (android.graphics.Color)	4286971973 (0xFF860045)
YUV	47.9320, 10.3865, 75.4816
Hunter-Lab	23.3610, 41.9657, 0.9425

Details

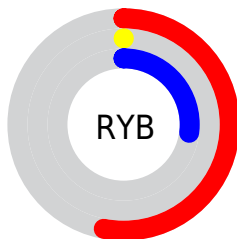
The CIELCh color **28, 52.842, 359.406** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **49, 55.166, 149.106**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 52.970, 359.383**, and **14, 36.007, 12.441** is the 20% darker color. If you saturate the color by 10%, you get **28, 52.747, 359.456**, and if you desaturate by 10%, it is **29, 51.193, 356.217**.

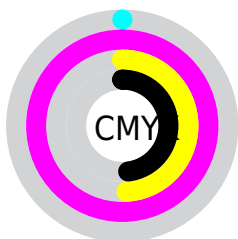
Distribution



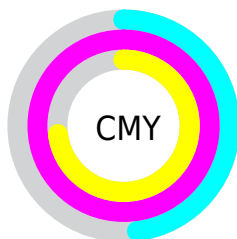
- Red (53%)
- Green (0%)
- Blue (27%)



- Red (53%)
- Yellow (0%)
- Blue (27%)



- Cyan (0%)
- Magenta (100%)
- Yellow (49%)
- Black (48%)



- Cyan (48%)
- Magenta (100%)
- Yellow (73%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 28, 52.842, 359.406 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, 52.842, 359.406 by changing the saturation by 10% instead.

 28, 52.842,
359.406

 28, 52.842,
359.406

 100, 52.842,
359.406

 18, 52.842,
359.406


 48, 52.842,
359.406

 8, 52.842, 359.406

 58, 52.842,
359.406

 0, 52.842, 359.406

 68, 52.842,
359.406

 78, 52.842,
359.406

 88, 52.842,
359.406

 98, 52.842,

359.406

■ 28, 52.842,
359.406

■ 28, 52.842,
359.406

■ 28, 52.747,
359.456

■ 29, 51.193,
356.217

■ 30, 48.703,
353.427

■ 32, 44.802,
351.198

■ 35, 39.707,
349.392

■ 38, 33.739,
347.896

■ 41, 27.220,
346.626

■ 45, 20.417,
345.521

■ 48, 13.532,
344.540

■ 52, 6.700, 343.642

Harmonies

Complementary

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



28, 52.842, 359.406



49, 55.166, 149.106

Rectangle

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



28, 52.842, 359.406



28, 52.842, 49.406



28, 52.842, 179.406



28, 52.842, 229.406

Sweetspot

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



28, 52.747, 359.456



57, 25.256, 345.591



19, 77.296, 311.827



27, 17.168, 345.972



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



28, 52.747, 359.456



37, 63.662, 0.440



27, 63.032, 38.063



26, 3.749, 343.565



27, 51.720, 359.340



0, 0.889, 342.887

Inverse Universe

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



28, 52.747, 359.456



37, 63.662, 0.440



50, 31.402, 193.926



26, 3.749, 343.565



27, 51.720, 359.340



0, 0.889, 342.887

Previews

White Background



This preview shows how the CIELCh color 28, 52.842, 359.406 looks on a white background.

Color Contrast Check

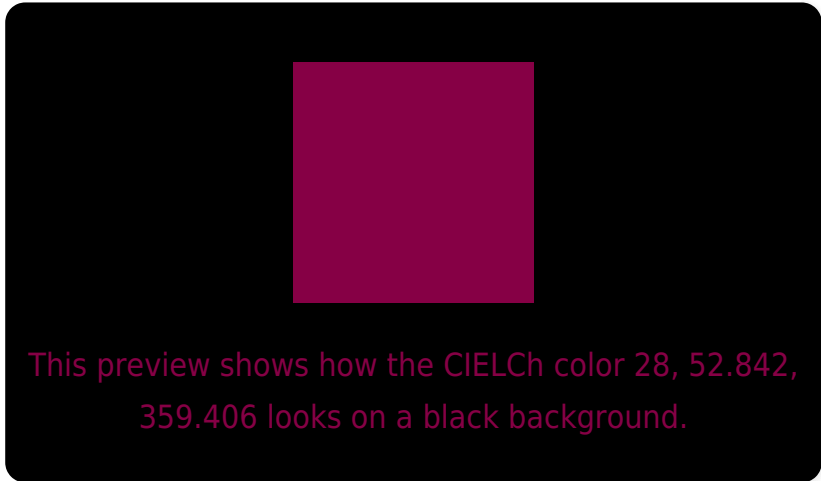
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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, 52.842, 359.406

Background



This preview shows how black text looks on a background with the CIELCh color 28, 52.842, 359.406.



This preview shows how white text looks on a background with the CIELCh color 28, 52.842, 359.406.

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, 52.842, 359.406

Protanopia

30, 19.386, 284.124

Deuteranopia

30, 6.147, 44.657



Tritanopia
29, 51.940, 32.765

Trichromacy



Original Color
28, 52.842, 359.406

Protanomaly
25, 32.701, 326.182

Deuteranomaly
26, 28.038, 356.572

Tritanomaly
28, 50.776, 20.573

Monochromacy



Original Color
28, 52.842, 359.406

Achromatopsia
20, 0.004, 296.813

Achromatomaly
20, 26.339, 348.510

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 52.842, 359.406 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(134, 0, 69)` looks like.

```
.text, #text, p{  
    color:rgb(134, 0, 69)  
}
```

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(134, 0, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 0, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 52.842, 359.406 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(134, 0, 69) }
```

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

```
.border{ border-color:rgb(134, 0, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 0, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 0, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 0, 69);  
box-shadow:4px 4px 4px 4px rgb(134, 0, 69)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 52.842, 359.406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 0, 69) }
```

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

```
.background{ background-color: rgb(134, 0,  
69) }
```

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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