Converting Colors

CIELCh(28, 61.184, 335.406)

Have a look what the booklet for CIELCh(28, 61.184, 335.406) contains.

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Color

CIELCh(28, 60.787, 335.466)

Conversions

Conversions Part 1

Format	Color
Hex	7E006A
RGB	126, 0, 106
RGB Percent	49%, 0%, 42%
CMY	0.5064, 1.0000, 0.5848
CMYK	0.00, 1.00, 0.16, 0.51
HSL	310°, 100%, 25%
HSV	310°, 100%, 49%
XYZ	11.1759, 5.4574, 14.0657
YIQ	49.7580, 41.0700, 59.6780

Conversions

Conversions Part 2

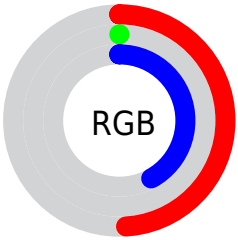
Format	Color
RYB	126, 0, 106
Decimal	8257642
CIELab	28.00, 55.30, -25.24
CIELCh	28, 60.787, 335.466
Yxy	5.4574, 0.3640, 0.1778
Android (android.graphics.Color)	4286447722 (0xFF7E006A)
YUV	49.7580, 27.7273, 66.8642
Hunter-Lab	23.3610, 44.5124, -19.3458

Details

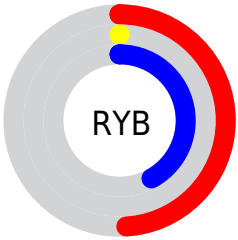
The CIELCh color 28, 60.787, 335.466 is a dark color, and the websafe version is hex 660066. A complement of this color would be 46, 67.230, 138.270, and the grayscale version is 21, 0.004, 296.813.

A 20% lighter version of the original color is 48, 61.043, 335.290, and 14, 40.499, 336.678 is the 20% darker color. If you saturate the color by 10%, you get 28, 60.736, 335.469, and if you desaturate by 10%, it is 29, 59.034, 334.750.

Distribution

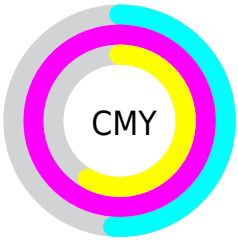


- Red (49%)
- Green (0%)
- Blue (42%)



- Red (49%)
- Yellow (0%)
- Blue (42%)

- Cyan (0%)
- Magenta (100%)
- Yellow (16%)
- Black (51%)



- Cyan (51%)
- Magenta (100%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 28, 60.787, 335.466 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, 60.787, 335.466 by changing the saturation by 10% instead.

28, 60.787, 335.466

100, 60.787, 335.466

48, 60.787, 335.466

58, 60.787, 335.466

68, 60.787, 335.466

78, 60.787, 335.466

88, 60.787, 335.466

98, 60.787,

28, 60.787, 335.466

18, 60.787, 335.466

8, 60.787, 335.466

0, 60.787, 335.466

335.466

28, 60.787, 335.466

28, 60.736, 335.469

28, 60.787, 335.466

29, 59.034, 334.750

30, 56.262, 334.060

32, 51.921, 333.404

34, 46.231, 332.766

36, 39.505, 332.137

39, 32.065, 331.513

42, 24.199, 330.896

46, 16.132, 330.286

49, 8.030, 329.681

Harmonies

Complementary

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

28, 60.787, 335.466

46, 67.230, 138.270

Rectangle

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

28, 60.787, 335.466

28, 60.787, 25.466

28, 60.787, 155.466

28, 60.787, 205.466

Sweetspot

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

28, 60.736, 335.469

54, 29.922, 330.939

13, 78.323, 307.076

26, 20.280, 331.151

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, 60.736, 335.469

37, 73.188, 335.669

26, 50.591, 14.492

25, 4.572, 329.626

28, 61.295, 335.480

0, 0.000, 0.000

Inverse Universe

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

28, 60.736, 335.469

37, 73.188, 335.669

46, 43.935, 158.910

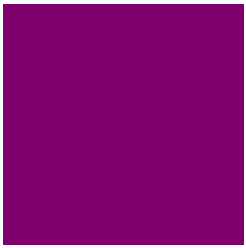
25, 4.572, 329.626

28, 61.295, 335.480

0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 28, 60.787, 335.466 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, 60.787, 335.466 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, 60.787, 335.466

Background

This preview shows how black text looks on a background with the CIELCh color 28, 60.787, 335.466.

This preview shows how white text looks on a background with the CIELCh color 28, 60.787, 335.466.

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, 60.787, 335.466

Protanopia
29, 48.922, 286.041

Deuteranopia
30, 19.486, 282.157

Tritanopia
29, 38.205, 26.305

Trichromacy

Original Color
28, 60.787, 335.466

Protanomaly
23, 56.254, 301.148

Deuteranomaly
26, 39.180, 317.417

Tritanomaly
28, 43.249, 0.590

Monochromacy

Original Color
28, 60.787, 335.466

Achromatopsia
21, 0.004, 296.813

Achromatomaly
20, 30.697, 333.067

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 60.787, 335.466 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(126, 0, 106) looks like.

```
.text, #text, p{
    color:rgb(126, 0, 106)
}
```

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(126, 0, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 0, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 60.787, 335.466 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(126, 0, 106) }
```

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

```
.border{ border-color:rgb(126, 0, 106) }
```

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

Here you see how a box with a 4 pixel rgb(126, 0, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 0, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 0, 106); box-shadow:4px 4px 4px 4px rgb(126, 0, 106) }
```

Background

The CSS property to change the background color of an element to CIELCh 28, 60.787, 335.466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(126, 0, 106) }
```

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

```
.background{ background-color:rgb(126, 0, 106) }
```

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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