

Converting Colors

CIELCh(28, 35.615, 348.171)

Have a look what the booklet for
CIELCh(28, 35.615, 348.171)
contains.

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Color

CIELCh(28, 35.622, 348.249)

Conversions

Conversions Part 1

Format	Color
Hex	6E294E
RGB	110, 41, 78
RGB Percent	43%, 16%, 31%
CMY	0.5684, 0.8390, 0.6940
CMYK	0.00, 0.63, 0.29, 0.57
HSL	328°, 46%, 30%
HSV	328°, 63%, 43%
XYZ	8.6071, 5.4574, 7.8151
YIQ	65.8490, 29.2470, 26.1350

Conversions

Conversions Part 2

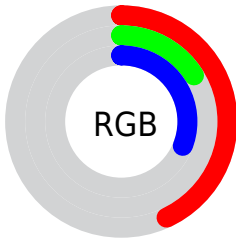
Format	Color
R_{YB}	110, 41, 78
Decimal	7219534
CIE Lab	28.00, 34.88, -7.25
CIE LCh	28, 35.622, 348.249
Yxy	5.4574, 0.3934, 0.2494
Android (android.graphics.Color)	4285409614 (0xFF6E294E)
YUV	65.8490, 5.9904, 38.7204
Hunter-Lab	23.3610, 24.8842, -3.4820

Details

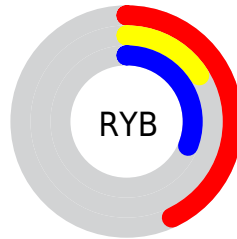
The CIELCh color **28, 35.622, 348.249** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **41, 34.206, 155.193**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 35.867, 348.205**, and **9, 31.261, 350.226** is the 20% darker color. If you saturate the color by 10%, you get **26, 39.849, 349.969**, and if you desaturate by 10%, it is **30, 30.601, 346.817**.

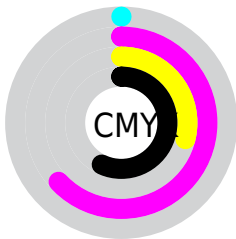
Distribution



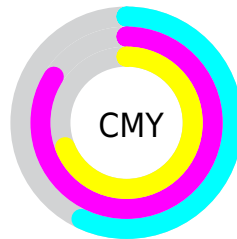
- Red (43%)
- Green (16%)
- Blue (31%)



- Red (43%)
- Yellow (16%)
- Blue (31%)



- Cyan (0%)
- Magenta (63%)
- Yellow (29%)
- Black (57%)





- Cyan (57%)
- Magenta (84%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 35.622, 348.249 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, 35.622, 348.249 by changing the saturation by 10% instead.

 28, 35.622,
348.249


 28, 35.622,
348.249

 100, 35.622,
348.249


 18, 35.622,
348.249


 48, 35.622,
348.249


 8, 35.622, 348.249

 58, 35.622,
348.249

 0, 35.622, 348.249

 68, 35.622,
348.249

 78, 35.622,
348.249

 88, 35.622,
348.249

 98, 35.622,

348.249

■ 28, 35.622,
348.249

■ 28, 35.622,
348.249

■ 26, 39.849,
349.969

■ 30, 30.601,
346.817

■ 24, 43.028,
352.077

■ 33, 25.062,
345.592

■ 23, 45.013,
354.686

■ 36, 19.236,
344.523

■ 22, 46.279,
356.666

■ 39, 13.301,
343.569

■ 42, 7.380, 342.699

■ 46, 1.554, 341.791

■ 49, 4.128, 161.300

■ 52, 9.643, 160.603

■ 56, 14.980,
159.979

Harmonies

Complementary

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



28, 35.622, 348.249



41, 34.206, 155.193

Rectangle

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



28, 35.622, 348.249



28, 35.622, 38.249



28, 35.622, 168.249



28, 35.622, 218.249

Sweetspot

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



28, 35.620, 348.250



52, 13.754, 343.284



24, 45.912, 310.607



25, 9.415, 343.476



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



28, 35.620, 348.250



34, 49.882, 350.820



27, 33.846, 23.807



22, 3.308, 342.390



25, 49.116, 357.041



54, 83.280, 359.390

Inverse Universe

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



28, 35.620, 348.250



34, 49.882, 350.820



42, 22.710, 191.498



22, 3.308, 342.390



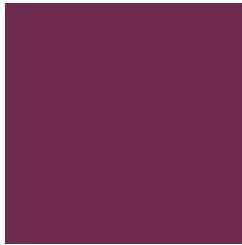
25, 49.116, 357.041



54, 83.280, 359.390

Previews

White Background



This preview shows how the CIELCh color 28, 35.622, 348.249 looks on a white background.

Color Contrast Check

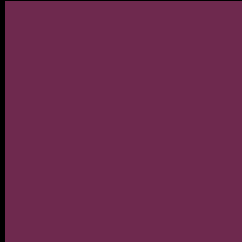
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIE LCh color 28, 35.622, 348.249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

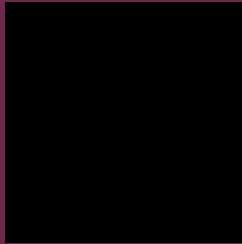
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 35.622, 348.249

Background



This preview shows how black text looks on a background with the CIELCh color 28, 35.622, 348.249.



This preview shows how white text looks on a background with the CIELCh color 28, 35.622, 348.249.

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, 35.622, 348.249

Protanopia

28, 19.477, 285.321

Deuteranopia

28, 6.239, 311.444



Tritanopia
28, 29.567, 21.134

Trichromacy



Original Color
28, 35.622, 348.249

Protanomaly
27, 22.311, 314.759

Deuteranomaly
27, 17.519, 338.559

Tritanomaly
28, 30.448, 7.682

Monochromacy



Original Color
28, 35.622, 348.249

Achromatopsia
28, 0.004, 296.813

Achromatomaly
27, 13.915, 345.076

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 35.622, 348.249 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, 41, 78)` looks like.

```
.text, #text, p{  
    color:rgb(110, 41, 78)  
}
```

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, 41, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 41, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 35.622, 348.249 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, 41, 78) }
```

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

```
.border{ border-color:rgb(110, 41, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 41, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 41, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 41, 78);  
box-shadow:4px 4px 4px 4px rgb(110, 41,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 28, 35.622, 348.249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 41, 78) }
```

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

```
.background{ background-color: rgb(110, 41,  
78) }
```

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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