

Converting Colors

CIELCh(28, 36.697, 348.630)

Have a look what the booklet for
CIELCh(28, 36.697, 348.630)
contains.

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Color

CIELCh(28, 36.437, 348.519)

Conversions

Conversions Part 1

Format	Color
Hex	6F284E
RGB	111, 40, 78
RGB Percent	44%, 16%, 31%
CMY	0.5644, 0.8429, 0.6939
CMYK	0.00, 0.64, 0.30, 0.56
HSL	328°, 47%, 30%
HSV	328°, 64%, 44%
XYZ	8.7032, 5.4574, 7.8145
YIQ	65.5610, 30.1180, 26.8700

Conversions

Conversions Part 2

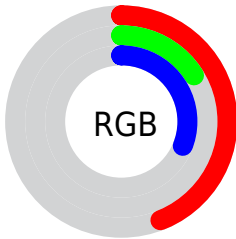
Format	Color
R_{YB}	111, 40, 78
Decimal	7284814
CIE Lab	28.00, 35.71, -7.25
CIE LCh	28, 36.437, 348.519
Yxy	5.4574, 0.3960, 0.2483
Android (android.graphics.Color)	4285474894 (0xFF6F284E)
YUV	65.5610, 6.1324, 39.8500
Hunter-Lab	23.3610, 25.6184, -3.4804

Details

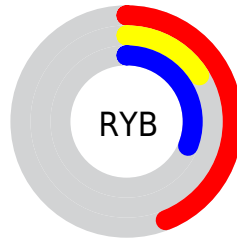
The CIELCh color **28, 36.437, 348.519** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **42, 35.003, 155.051**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 36.169, 348.656**, and **10, 31.451, 351.019** is the 20% darker color. If you saturate the color by 10%, you get **26, 40.573, 350.290**, and if you desaturate by 10%, it is **30, 31.465, 347.049**.

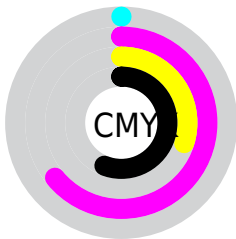
Distribution



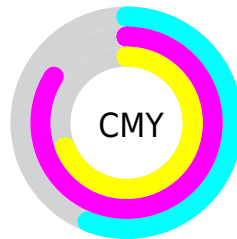
- Red (44%)
- Green (16%)
- Blue (31%)



- Red (44%)
- Yellow (16%)
- Blue (31%)



- Cyan (0%)
- Magenta (64%)
- Yellow (30%)
- Black (56%)





- Cyan (56%)
- Magenta (84%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 36.437, 348.519 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, 36.437, 348.519 by changing the saturation by 10% instead.

 28, 36.437,
348.519


 28, 36.437,
348.519

 100, 36.437,
348.519


 18, 36.437,
348.519


 48, 36.437,
348.519


 8, 36.437, 348.519

 58, 36.437,
348.519

 0, 36.437, 348.519

 68, 36.437,
348.519

 78, 36.437,
348.519

 88, 36.437,
348.519

 98, 36.437,

348.519

■ 28, 36.437,
348.519

■ 28, 36.437,
348.519

■ 26, 40.573,
350.290

■ 30, 31.465,
347.049

■ 24, 43.623,
352.466

■ 33, 25.939,
345.798

■ 23, 45.503,
355.142

■ 36, 20.097,
344.708

■ 23, 46.562,
356.800

■ 39, 14.125,
343.739

■ 42, 8.156, 342.859

■ 46, 2.275, 341.988

■ 49, 3.466, 161.450

■ 52, 9.040, 160.735

■ 56, 14.436,
160.104

Harmonies

Complementary

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



28, 36.437, 348.519



42, 35.003, 155.051

Rectangle

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



28, 36.437, 348.519



28, 36.437, 38.519



28, 36.437, 168.519



28, 36.437, 218.519

Sweetspot

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



28, 36.435, 348.520



53, 13.945, 343.342



24, 47.153, 310.671



26, 9.688, 343.544



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, 36.435, 348.520



34, 51.341, 351.356



27, 34.834, 24.147



22, 3.306, 342.445



25, 49.100, 357.134



54, 83.258, 359.490

Inverse Universe

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



28, 36.435, 348.520



34, 51.341, 351.356



43, 23.160, 191.425



22, 3.306, 342.445



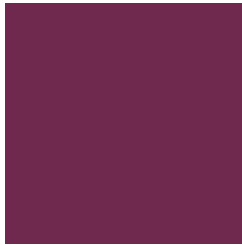
25, 49.100, 357.134



54, 83.258, 359.490

Previews

White Background



This preview shows how the CIELCh color 28, 36.437, 348.519 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, 36.437, 348.519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

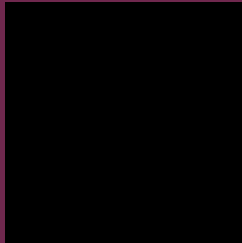
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 36.437, 348.519

Background



This preview shows how black text looks on a background with the CIELCh color 28, 36.437, 348.519.



This preview shows how white text looks on a background with the CIELCh color 28, 36.437, 348.519.

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, 36.437, 348.519

Protanopia
28, 19.519, 284.327

Deuteranopia
28, 6.239, 311.444



Tritanopia
28, 30.177, 22.496

Trichromacy



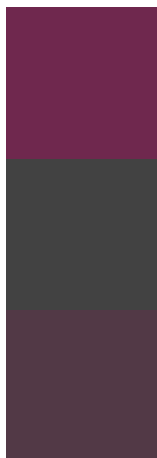
Original Color
28, 36.437, 348.519

Protanomaly
27, 22.311, 314.759

Deuteranomaly
27, 17.519, 338.559

Tritanomaly
28, 31.321, 8.581

Monochromacy



Original Color
28, 36.437, 348.519

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, 36.437, 348.519 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(111, 40, 78)` looks like.

```
.text, #text, p{  
    color:rgb(111, 40, 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(111, 40, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 40, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 36.437, 348.519 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(111, 40, 78) }
```

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

```
.border{ border-color:rgb(111, 40, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 40, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 40, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 40, 78);  
box-shadow:4px 4px 4px 4px rgb(111, 40,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 28, 36.437, 348.519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 40, 78) }
```

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

```
.background{ background-color: rgb(111, 40,  
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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