

Converting Colors

CIELCh(28, 32.562, 4.255)

Have a look what the booklet for
CIELCh(28, 32.562, 4.255) contains.

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Color

CIELCh(28, 32.412, 3.834)

Conversions

Conversions Part 1

Format	Color
Hex	6F2B40
RGB	111, 43, 64
RGB Percent	44%, 17%, 25%
CMY	0.5653, 0.8319, 0.7495
CMYK	0.00, 0.61, 0.42, 0.57
HSL	341°, 44%, 30%
HSV	341°, 61%, 43%
XYZ	8.3187, 5.4574, 5.4473
YIQ	65.7260, 33.7870, 20.9470

Conversions

Conversions Part 2

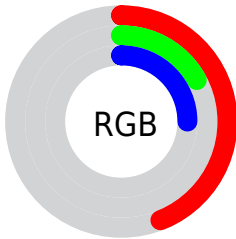
Format	Color
RYB	111, 43, 64
Decimal	7285568
CIELab	28.00, 32.34, 2.17
CIELCh	28, 32.412, 3.834
Yxy	5.4574, 0.4327, 0.2839
Android (android.graphics.Color)	4285475648 (0xFF6F2B40)
YUV	65.7260, -0.8509, 39.7053
Hunter-Lab	23.3610, 22.6808, 2.5276

Details

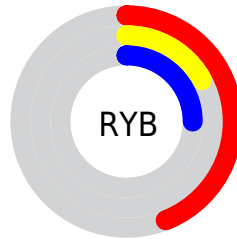
The CIELCh color **28, 32.412, 3.834** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **42, 27.499, 168.771**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 32.274, 3.322**, and **9, 29.737, 6.198** is the 20% darker color. If you saturate the color by 10%, you get **26, 37.034, 6.447**, and if you desaturate by 10%, it is **31, 27.297, 1.737**.

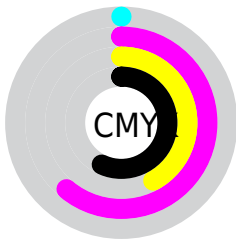
Distribution



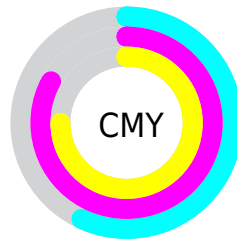
- Red (44%)
- Green (17%)
- Blue (25%)



- Red (44%)
- Yellow (17%)
- Blue (25%)



- Cyan (0%)
- Magenta (61%)
- Yellow (42%)
- Black (57%)



- Cyan (57%)
- Magenta (83%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 28, 32.412, 3.834 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, 32.412, 3.834 by changing the saturation by 10% instead.

 28, 32.412, 3.834

 28, 32.412, 3.834

 100, 32.412, 3.834

 18, 32.412, 3.834

 48, 32.412, 3.834

 8, 32.412, 3.834

 58, 32.412, 3.834

 0, 32.412, 3.834

 68, 32.412, 3.834

 78, 32.412, 3.834

 88, 32.412, 3.834

 98, 32.412, 3.834

 28, 32.412, 3.834

 28, 32.412, 3.834

 26, 37.034, 6.447

 31, 27.297, 1.737

24, 40.959, 9.717

33, 21.917, 0.023

23, 44.069, 13.779

36, 16.452,
358.595

22, 46.658, 17.418

40, 11.038,
357.380

43, 5.759, 356.314

46, 0.663, 354.991

50, 4.227, 174.721

53, 8.907, 173.957

57, 13.381,
173.290

Harmonies

Complementary

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



28, 32.412, 3.834



42, 27.499, 168.771

Rectangle

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



28, 32.412, 3.834



28, 32.412, 53.834



28, 32.412, 183.834



28, 32.412, 233.834

Sweetspot

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



28, 32.410, 3.836



53, 11.579, 357.066



27, 45.687, 317.542



26, 8.141, 357.325



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, 32.410, 3.836



34, 47.375, 7.893



30, 29.955, 39.047



22, 2.876, 356.079



24, 49.431, 17.944



52, 85.835, 21.435

Inverse Universe

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



28, 32.410, 3.836



34, 47.375, 7.893



39, 18.937, 221.536



22, 2.876, 356.079



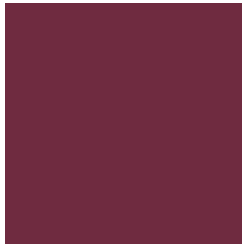
24, 49.431, 17.944



52, 85.835, 21.435

Previews

White Background



This preview shows how the CIE LCh color 28, 32.412, 3.834 looks on a white background.

Color Contrast Check

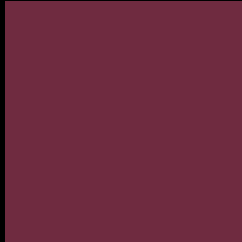
Large Text (above 18pt) WCAG AA ✓ Pass

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, 32.412, 3.834 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, 32.412, 3.834

Background



This preview shows how black text looks on a background with the CIELCh color 28, 32.412, 3.834.



This preview shows how white text looks on a background with the CIELCh color 28, 32.412, 3.834.

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, 32.412, 3.834

Protanopia

28, 7.767, 288.617

Deuteranopia

29, 5.752, 46.563



Tritanopia
28, 31.195, 22.918

Trichromacy



Original Color
28, 32.412, 3.834

Protanomaly
28, 14.297, 339.572

Deuteranomaly
28, 15.256, 10.380

Tritanomaly
28, 31.026, 16.325

Monochromacy



Original Color
28, 32.412, 3.834

Achromatopsia
28, 0.004, 296.813

Achromatomaly
27, 11.853, 359.408

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 32.412, 3.834 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, 43, 64)` looks like.

```
.text, #text, p{  
    color:rgb(111, 43, 64)  
}
```

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, 43, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 43, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 32.412, 3.834 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, 43, 64) }
```

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

```
.border{ border-color:rgb(111, 43, 64) }
```

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

Here you see how a box with a 4 pixel rgb(111, 43, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 43, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 43, 64);  
box-shadow:4px 4px 4px 4px rgb(111, 43,  
64) }
```

Background

The CSS property to change the background color of an element to CIELCh 28, 32.412, 3.834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 43, 64) }
```

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

```
.background{ background-color: rgb(111, 43,  
64) }
```

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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