

Converting Colors

CIELCh(28, 27.744, 10.099)

Have a look what the booklet for
CIELCh(28, 27.744, 10.099) contains.

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Color

CIELCh(28, 27.659, 10.030)

Conversions

Conversions Part 1

Format	Color
Hex	6A303C
RGB	106, 48, 60
RGB Percent	42%, 19%, 24%
CMY	0.5856, 0.8129, 0.7658
CMYK	0.00, 0.55, 0.43, 0.59
HSL	348°, 38%, 30%
HSV	348°, 55%, 41%
XYZ	7.7581, 5.4574, 4.8805
YIQ	66.7100, 30.7160, 16.0280

Conversions

Conversions Part 2

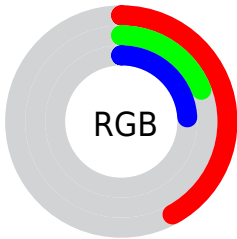
Format	Color
R_{YB}	106, 48, 60
Decimal	6959164
CIE Lab	28.00, 27.24, 4.82
CIE LCh	28, 27.659, 10.030
Yxy	5.4574, 0.4287, 0.3016
Android (android.graphics.Color)	4285149244 (0xFF6A303C)
YUV	66.7100, -3.3080, 34.4573
Hunter-Lab	23.3610, 18.3973, 3.9660

Details

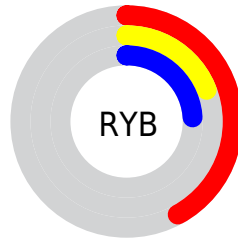
The CIELCh color **28, 27.659, 10.030** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **41, 22.216, 177.479**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 27.862, 10.198**, and **8, 27.340, 9.735** is the 20% darker color. If you saturate the color by 10%, you get **26, 32.709, 12.472**, and if you desaturate by 10%, it is **31, 22.418, 8.071**.

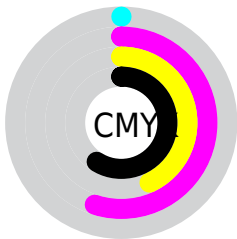
Distribution



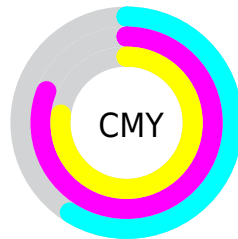
- Red (42%)
- Green (19%)
- Blue (24%)



- Red (42%)
- Yellow (19%)
- Blue (24%)



- Cyan (0%)
- Magenta (55%)
- Yellow (43%)
- Black (59%)



- Cyan (59%)
- Magenta (81%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 28, 27.659, 10.030 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, 27.659, 10.030 by changing the saturation by 10% instead.

■ 28, 27.659, 10.030

■ 28, 27.659, 10.030

■ 100, 27.659,
10.030

■ 18, 27.659, 10.030

■ 48, 27.659, 10.030

■ 8, 27.659, 10.030

■ 58, 27.659, 10.030

■ 0, 27.659, 10.030

■ 68, 27.659, 10.030

■ 78, 27.659, 10.030

■ 88, 27.659, 10.030

■ 98, 27.659, 10.030

■ 28, 27.659, 10.030

■ 28, 27.659, 10.030

26, 32.709, 12.472

31, 22.418, 8.071

24, 37.388, 15.521

34, 17.157, 6.473

22, 41.538, 19.294

37, 11.994, 5.147

21, 45.203, 23.672

40, 7.006, 4.021

20, 47.207, 25.727

43, 2.234, 2.977

46, 2.306, 182.436

50, 6.615, 181.625

53, 10.702,
180.965

56, 14.584,
180.382

Harmonies

Complementary

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



28, 27.659, 10.030



41, 22.216, 177.479

Rectangle

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



28, 27.659, 10.030



28, 27.659, 60.030



28, 27.659, 190.030



28, 27.659, 240.030

Sweetspot

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



28, 27.657, 10.032



51, 9.416, 4.190



28, 40.041, 320.460



25, 6.330, 4.345



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



28, 27.657, 10.032



34, 41.295, 13.317



32, 23.873, 47.439



21, 2.642, 3.417



23, 51.112, 26.458



51, 90.504, 29.957

Inverse Universe

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



28, 27.657, 10.032



34, 41.295, 13.317



36, 16.770, 235.869



21, 2.642, 3.417



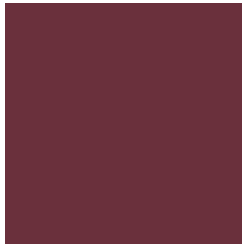
23, 51.112, 26.458



51, 90.504, 29.957

Previews

White Background



This preview shows how the CIELCh color 28, 27.659, 10.030 looks on a white background.

Color Contrast Check

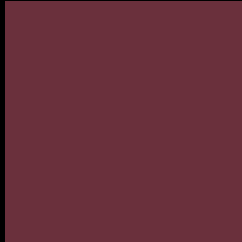
Large Text (above 18pt) WCAG AA ✓ Pass

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, 27.659, 10.030 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, 27.659, 10.030

Background



This preview shows how black text looks on a background with the CIELCh color 28, 27.659, 10.030.



This preview shows how white text looks on a background with the CIELCh color 28, 27.659, 10.030.

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, 27.659, 10.030

Protanopia

28, 2.634, 300.223

Deuteranopia

28, 7.700, 55.798



Tritanopia
28, 27.189, 21.297

Trichromacy



Original Color
28, 27.659, 10.030

Protanomaly
27, 10.974, 357.296

Deuteranomaly
28, 13.866, 21.984

Tritanomaly
28, 26.886, 17.304

Monochromacy



Original Color
28, 27.659, 10.030

Achromatopsia
28, 0.004, 296.813

Achromatomaly
27, 10.167, 2.905

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 27.659, 10.030 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(106, 48, 60)` looks like.

```
.text, #text, p{  
    color:rgb(106, 48, 60)  
}
```

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(106, 48, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 48, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 27.659, 10.030 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(106, 48, 60) }
```

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

```
.border{ border-color:rgb(106, 48, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 48, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 48, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 48, 60);  
box-shadow:4px 4px 4px 4px rgb(106, 48,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 28, 27.659, 10.030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 48, 60) }
```

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

```
.background{ background-color: rgb(106, 48,  
60) }
```

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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