

Converting Colors

CIELCh(28, 32.805, 4.335)

Have a look what the booklet for
CIELCh(28, 32.805, 4.335) contains.

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Color

CIELCh(28, 32.830, 4.385)

Conversions

Conversions Part 1

Format	Color
Hex	6F2A3F
RGB	111, 42, 63
RGB Percent	44%, 16%, 25%
CMY	0.5629, 0.8337, 0.7514
CMYK	0.00, 0.62, 0.43, 0.56
HSL	342°, 45%, 30%
HSV	342°, 62%, 44%
XYZ	8.3631, 5.4574, 5.3716
YIQ	65.0250, 34.3830, 21.1590

Conversions

Conversions Part 2

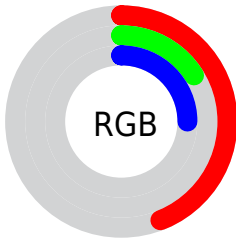
Format	Color
R_{YB}	111, 42, 63
Decimal	7285311
CIE Lab	28.00, 32.73, 2.51
CIE LCh	28, 32.830, 4.385
Yxy	5.4574, 0.4358, 0.2844
Android (android.graphics.Color)	4285475391 (0xFF6F2A3F)
YUV	65.0250, -0.9983, 40.3201
Hunter-Lab	23.3610, 23.0203, 2.7196

Details

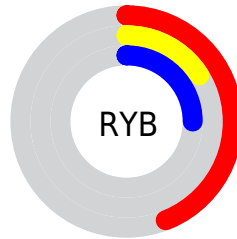
The CIELCh color **28, 32.830, 4.385** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **42, 27.706, 169.054**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 32.609, 4.707**, and **9, 29.731, 7.476** is the 20% darker color. If you saturate the color by 10%, you get **26, 37.449, 7.055**, and if you desaturate by 10%, it is **31, 27.709, 2.244**.

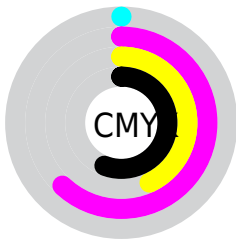
Distribution



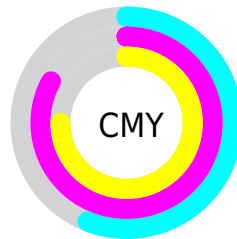
- Red (44%)
- Green (16%)
- Blue (25%)



- Red (44%)
- Yellow (16%)
- Blue (25%)



- Cyan (0%)
- Magenta (62%)
- Yellow (43%)
- Black (56%)



- Cyan (56%)
- Magenta (83%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 28, 32.830, 4.385 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, 32.830, 4.385 by changing the saturation by 10% instead.

 28, 32.830, 4.385  28, 32.830, 4.385

 100, 32.830, 4.385  18, 32.830, 4.385

 48, 32.830, 4.385  8, 32.830, 4.385

 58, 32.830, 4.385  0, 32.830, 4.385

 68, 32.830, 4.385

 78, 32.830, 4.385

 88, 32.830, 4.385

 98, 32.830, 4.385

 28, 32.830, 4.385  28, 32.830, 4.385

 26, 37.449, 7.055  31, 27.709, 2.244

■ 24, 41.365, 10.397

■ 33, 22.314, 0.498

■ 23, 44.475, 14.535

■ 36, 16.830,
359.048

■ 22, 46.931, 17.925

■ 40, 11.393,
357.816

■ 43, 6.091, 356.740

■ 46, 0.973, 355.551

■ 50, 3.936, 175.134

■ 53, 8.633, 174.361

■ 57, 13.122,
173.689

Harmonies

Complementary

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



28, 32.830, 4.385



42, 27.706, 169.054

Rectangle

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



28, 32.830, 4.385



28, 32.830, 54.385



28, 32.830, 184.385



28, 32.830, 234.385

Sweetspot

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



28, 32.828, 4.387



52, 12.215, 357.543



27, 46.308, 317.558



26, 8.505, 357.796



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, 32.828, 4.387



34, 47.373, 8.316



30, 30.459, 39.102



22, 2.868, 356.440



24, 49.529, 18.416



52, 86.062, 21.914

Inverse Universe

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



28, 32.828, 4.387



34, 47.373, 8.316



39, 19.140, 221.630



22, 2.868, 356.440



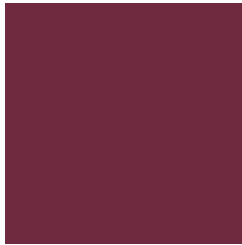
24, 49.529, 18.416



52, 86.062, 21.914

Previews

White Background



This preview shows how the CIE LCh color 28, 32.830, 4.385 looks on a white background.

Color Contrast Check

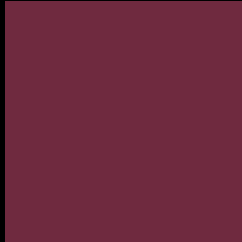
Large Text (above 18pt) WCAG AA ✓ Pass

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, 32.830, 4.385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

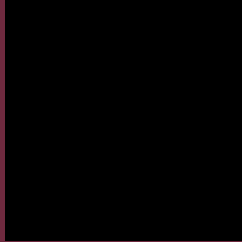
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 32.830, 4.385

Background



This preview shows how black text looks on a background with the CIELCh color 28, 32.830, 4.385.



This preview shows how white text looks on a background with the CIELCh color 28, 32.830, 4.385.

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, 32.830, 4.385

Protanopia

29, 6.493, 284.042

Deuteranopia

28, 6.094, 51.781



Tritanopia
28, 31.742, 23.185

Trichromacy



Original Color
28, 32.830, 4.385

Protanomaly
28, 13.906, 341.616

Deuteranomaly
28, 15.223, 12.771

Tritanomaly
28, 31.905, 15.837

Monochromacy



Original Color
28, 32.830, 4.385

Achromatopsia
28, 0.004, 296.813

Achromatomaly
27, 12.315, 0.388

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 32.830, 4.385 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, 42, 63)` looks like.

```
.text, #text, p{  
    color:rgb(111, 42, 63)  
}
```

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, 42, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 42, 63) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 32.830, 4.385 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, 42, 63) }
```

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

```
.border{ border-color:rgb(111, 42, 63) }
```

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

Here you see how a box with a 4 pixel rgb(111, 42, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 42, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 42, 63);  
box-shadow:4px 4px 4px 4px rgb(111, 42,  
63) }
```

Background

The CSS property to change the background color of an element to CIELCh 28, 32.830, 4.385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 42, 63) }
```

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

```
.background{ background-color: rgb(111, 42,  
63) }
```

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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