

Converting Colors

CIELCh(35, 29.823, 3.810)

Have a look what the booklet for
CIELCh(35, 29.823, 3.810) contains.

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Color

CIELCh(35, 29.823, 3.810)

Conversions

Conversions Part 1

Format	Color
Hex	7E3E50
RGB	126, 62, 80
RGB Percent	49%, 24%, 31%
CMY	0.5051, 0.7561, 0.6856
CMYK	0.00, 0.51, 0.36, 0.51
HSL	343°, 34%, 37%
HSV	343°, 51%, 49%
XYZ	11.8218, 8.4984, 8.6417
YIQ	83.1880, 32.3660, 19.1660

Conversions

Conversions Part 2

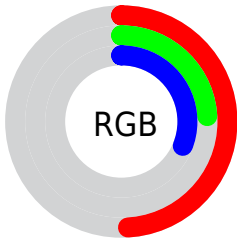
Format	Color
RYB	126, 62, 80
Decimal	8273488
CIELab	35.00, 29.76, 1.98
CIElCh	35, 29.823, 3.810
Yxy	8.4984, 0.4082, 0.2934
Android (android.graphics.Color)	4286463568 (0xFF7E3E50)
YUV	83.1880, -1.5717, 37.5461
Hunter-Lab	29.1520, 21.3696, 2.8308

Details

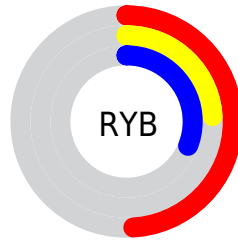
The CIELCh color **35, 29.823, 3.810** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **48, 25.479, 172.095**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 30.159, 3.641**, and **15, 29.806, 3.503** is the 20% darker color. If you saturate the color by 10%, you get **32, 35.554, 6.013**, and if you desaturate by 10%, it is **38, 23.823, 2.027**.

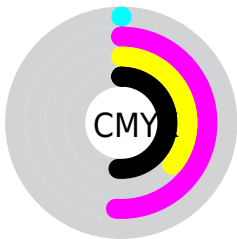
Distribution



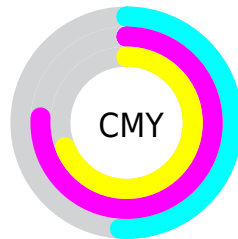
- Red (49%)
- Green (24%)
- Blue (31%)



- Red (49%)
- Yellow (24%)
- Blue (31%)



- Cyan (0%)
- Magenta (51%)
- Yellow (36%)
- Black (51%)




- Cyan (51%)
- Magenta (76%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 29.823, 3.810 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 35, 29.823, 3.810 by changing the saturation by 10% instead.

 35, 29.823, 3.810  35, 29.823, 3.810

 100, 29.823, 3.810  25, 29.823, 3.810

 55, 29.823, 3.810  15, 29.823, 3.810

 65, 29.823, 3.810  5, 29.823, 3.810

 75, 29.823, 3.810  0, 29.823, 3.810

 85, 29.823, 3.810

 95, 29.823, 3.810

 35, 29.823, 3.810  35, 29.823, 3.810

 32, 35.554, 6.013  38, 23.823, 2.027

 30, 40.777, 8.766  42, 17.762, 0.551

■ 28, 45.263, 12.221

■ 45, 11.784,
359.304

■ 26, 48.893, 16.500

■ 49, 5.980, 358.216

■ 25, 51.973, 20.763

■ 53, 0.399, 356.485

■ 56, 4.939, 176.607

■ 60, 10.032,
175.845

■ 64, 14.888,
175.179

■ 68, 19.523,
174.580

Harmonies

Complementary

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



35, 29.823, 3.810



48, 25.479, 172.095

Rectangle

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



35, 29.823, 3.810



35, 29.823, 53.810



35, 29.823, 183.810



35, 29.823, 233.810

Sweetspot

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



35, 29.821, 3.812



60, 10.417, 358.704



34, 42.599, 318.289



30, 7.095, 358.892



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



35, 29.821, 3.812



42, 43.994, 6.436



38, 26.077, 41.262



25, 3.158, 358.048



26, 52.374, 20.827



0, 0.000, 0.000

Inverse Universe

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



35, 29.821, 3.812



42, 43.994, 6.436



45, 18.174, 225.205



25, 3.158, 358.048



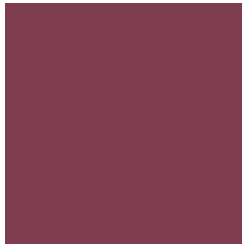
26, 52.374, 20.827



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 35, 29.823, 3.810 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 35, 29.823, 3.810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

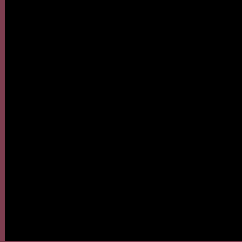
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 29.823, 3.810

Background



This preview shows how black text looks on a background with the CIELCh color 35, 29.823, 3.810.



This preview shows how white text looks on a background with the CIELCh color 35, 29.823, 3.810.

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

35, 29.823, 3.810

Protanopia

35, 6.241, 291.224

Deuteranopia

35, 6.111, 37.832



Tritanopia
35, 28.321, 18.467

Trichromacy



Original Color
35, 29.823, 3.810

Protanomaly
35, 12.743, 342.093

Deuteranomaly
35, 14.129, 11.689

Tritanomaly
35, 28.601, 12.621

Monochromacy



Original Color
35, 29.823, 3.810

Achromatopsia
35, 0.005, 296.813

Achromatomaly
35, 11.396, 358.891

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 29.823, 3.810 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(126, 62, 80)` looks like.

```
.text, #text, p{  
    color:rgb(126, 62, 80)  
}
```

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(126, 62, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 62, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 29.823, 3.810 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(126, 62, 80) }
```

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

```
.border{ border-color:rgb(126, 62, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 62, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 62, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 62, 80);  
box-shadow:4px 4px 4px 4px rgb(126, 62,  
80) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 29.823, 3.810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 62, 80) }
```

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

```
.background{ background-color: rgb(126, 62,  
80) }
```

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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