Converting Colors

CIELCh(30, 18.351, 1.377)

Have a look what the booklet for CIELCh(30, 18.351, 1.377) contains.

CIELCh(30, 18.415, 0.944) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 11
- ***Previews*** 20
- ***Color Blindness Simulation*** 23
- ***CSS Examples*** 26

Color

CIELCh(30, 18.415, 0.944)

Conversions

Format	Color
Hex	623C47
RGB	98, 60, 71
RGB Percent	38%, 24%, 28%
CMY	0.6168, 0.7657, 0.7226
CMYK	0.00, 0.39, 0.28, 0.62
HSL	343°, 24%, 31%
HSV	343°, 39%, 38%
XYZ	7.7363, 6.2359, 6.7122
YIQ	72.6160, 19.1170, 11.4770

Conversions Part 1

Conversions

Conversions Part 2

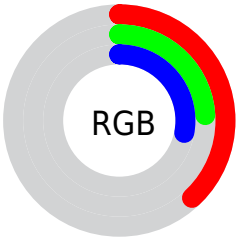
Format	Color
RYB	98, 60, 71
Decimal	6437959
CIELab	30.00, 18.41, 0.30
CIELCh	30, 18.415, 0.944
Yxy	6.2359, 0.3740, 0.3015
Android (android.graphics.Color)	4284628039 (0xFF623C47)
YUV	72.6160, -0.7967, 22.2618
Hunter-Lab	24.9718, 11.5992, 1.5436

Details

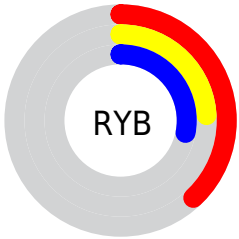
The CIELCh color 30, 18.415, 0.944 is a dark color, and the websafe version is hex 663333. A complement of this color would be 38, 16.452, 173.023, and the grayscale version is 31, 0.005, 296.813.

A 20% lighter version of the original color is 50, 18.457, 1.630, and 10, 18.738, 0.226 is the 20% darker color. If you saturate the color by 10%, you get 27, 23.303, 2.566, and if you desaturate by 10%, it is 33, 13.507, 359.590.

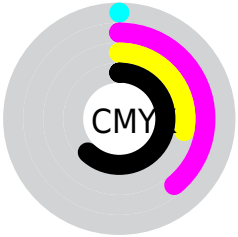
Distribution



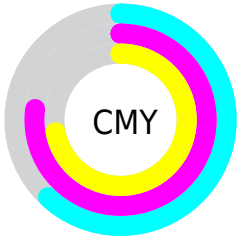
- Red (38%)
- Green (24%)
- Blue (28%)



- Red (38%)
- Yellow (24%)
- Blue (28%)



- Cyan (0%)
- Magenta (39%)
- Yellow (28%)
- Black (62%)



- Cyan (62%)
- Magenta (77%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 30, 18.415, 0.944 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 30, 18.415, 0.944 by changing the saturation by 10% instead.

30, 18.415, 0.944

100, 18.415, 0.944

50, 18.415, 0.944

60, 18.415, 0.944

70, 18.415, 0.944

80, 18.415, 0.944

90, 18.415, 0.944

30, 18.415, 0.944

20, 18.415, 0.944

10, 18.415, 0.944

0, 18.415, 0.944

30, 18.415, 0.944

27, 23.303, 2.566

25, 28.032, 4.538

30, 18.415, 0.944

33, 13.507, 359.590

23, 32.418, 6.976

21, 36.272, 10.018

20, 39.460, 13.796

19, 42.450, 17.790

19, 42.821, 18.206

36, 8.682, 358.429

39, 4.003, 357.396

42, 0.500, 177.167

45, 4.812, 175.878

48, 8.933, 175.154

51, 12.872, 174.514

54, 16.638, 173.934

57, 20.246, 173.404

Harmonies

Complementary

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

30, 18.415, 0.944

38, 16.452, 173.023

Rectangle

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

30, 18.415, 0.944

30, 18.415, 50.944

30, 18.415, 180.944

30, 18.415, 230.944

Sweetspot

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

30, 18.413, 0.946

49, 6.792, 357.749

30, 26.442, 317.284

24, 4.472, 357.826

77, 0.009, 296.813

27, 0.004, 296.813

Same Dimension

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

30, 18.413, 0.946

37, 27.895, 2.488

32, 15.533, 39.334

18, 2.516, 357.396

22, 47.422, 19.229

51, 84.614, 23.078

Inverse Universe

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

30, 18.413, 0.946

37, 27.895, 2.488

36, 12.001, 221.377

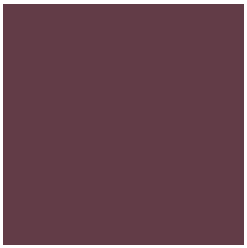
18, 2.516, 357.396

22, 47.422, 19.229

51, 84.614, 23.078

Previews

White Background



This preview shows how the CIELCh color 30, 18.415, 0.944 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

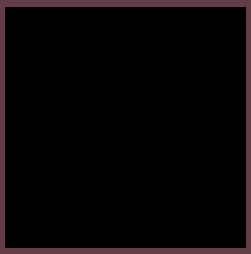
Black Background

Color Contrast Check

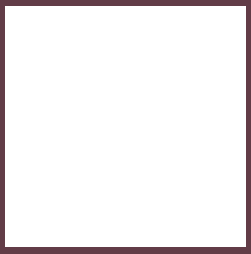
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

CIELCh 30, 18.415, 0.944 Background



This preview shows how black text looks on a background with the CIELCh color 30, 18.415, 0.944.



This preview shows how white text looks on a background with the CIELCh color 30, 18.415, 0.944.

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
30, 18.415, 0.944

Protanopia
30, 3.838, 290.895

Deuteranopia
30, 4.514, 20.091

Tritanopia
30, 16.930, 14.061

Trichromacy

Original Color
30, 18.415, 0.944

Protanomaly
30, 8.014, 341.225

Deuteranomaly
30, 9.404, 5.425

Tritanomaly
30, 16.981, 9.815

Monochromacy

Original Color
30, 18.415, 0.944

Achromatopsia
31, 0.005, 296.813

Achromatomaly
30, 6.342, 356.824

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 18.415, 0.944 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(98, 60, 71) looks like.

```
.text, #text, p{
    color:rgb(98, 60, 71)
}
```

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(98, 60, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 60, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 18.415, 0.944 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(98, 60, 71) }
```

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

```
.border{ border-color:rgb(98, 60, 71) }
```

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

Here you see how a box with a 4 pixel rgb(98, 60, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(98, 60, 71); -webkit-box-shadow:4px 4px 4px 4px rgb(98, 60, 71); box-shadow:4px 4px 4px 4px rgb(98, 60, 71) }
```

Background

The CSS property to change the background color of an element to CIELCh 30, 18.415, 0.944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(98, 60, 71) }
```

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

```
.background{ background-color:rgb(98, 60,
71) }
```

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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