

Converting Colors

CIELCh(30, 34.383, 314.704)

Have a look what the booklet for
CIELCh(30, 34.383, 314.704)
contains.

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Color

CIELCh(30, 34.383, 314.704)

Conversions

Conversions Part 1

Format	Color
Hex	593A6D
RGB	89, 58, 109
RGB Percent	35%, 23%, 43%
CMY	0.6514, 0.7729, 0.5730
CMYK	0.18, 0.47, 0.00, 0.57
HSL	276°, 31%, 33%
HSV	276°, 47%, 43%
XYZ	8.3714, 6.2359, 15.1988
YIQ	73.0830, 2.1050, 22.4330

Conversions

Conversions Part 2

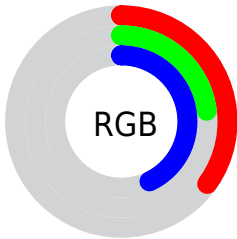
Format	Color
R_{YB}	89, 58, 109
Decimal	5847661
CIE _{Lab}	30.00, 24.19, -24.44
CIE _{LCh}	30, 34.383, 314.704
Yxy	6.2359, 0.2809, 0.2092
Android (android.graphics.Color)	4284037741 (0xFF593A6D)
YUV	73.0830, 17.7071, 13.9592
Hunter-Lab	24.9718, 16.1387, -18.6060




Details

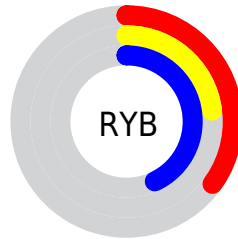
The CIELCh color **30, 34.383, 314.704** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **43, 32.806, 130.665**, and the grayscale version is **31, 0.005, 296.813**.




A 20% lighter version of the original color is **50, 34.458, 314.557**, and **10, 34.368, 314.472** is the 20% darker color. If you saturate the color by 10%, you get **27, 41.652, 315.082**, and if you desaturate by 10%, it is **33, 26.937, 314.282**.

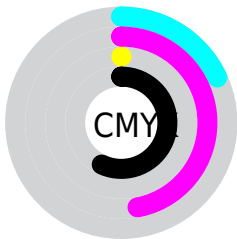
Distribution







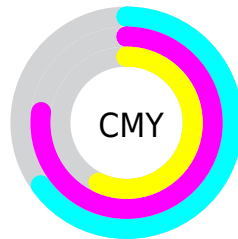
-  Red (35%)
-  Green (23%)
-  Blue (43%)






-  Red (35%)
-  Yellow (23%)
-  Blue (43%)



-  Cyan (18%)
-  Magenta (47%)
-  Yellow (0%)
-  Black (57%)





-  Cyan (65%)
-  Magenta (77%)
-  Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 34.383, 314.704 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, 34.383, 314.704 by changing the saturation by 10% instead.


 30, 34.383,
314.704


 30, 34.383,
314.704

 100, 34.383,
314.704


 20, 34.383,
314.704


 50, 34.383,
314.704


 10, 34.383,
314.704

 60, 34.383,
314.704

 0, 34.383, 314.704

 70, 34.383,
314.704

 80, 34.383,
314.704

 90, 34.383,
314.704

■ 30, 34.383,
314.704

■ 30, 34.383,
314.704

■ 27, 41.652,
315.082

■ 33, 26.937,
314.282

■ 24, 48.514,
315.372

■ 37, 19.474,
313.845

■ 21, 54.646,
315.516

■ 40, 12.093,
313.412

■ 19, 59.662,
315.443

■ 44, 4.851, 312.989

■ 17, 63.600,
315.185

■ 47, 2.217, 132.669

■ 17, 64.920,
315.141

■ 51, 9.098, 132.282

■ 54, 15.786,
131.954

■ 58, 22.283,
131.661

■ 61, 28.593,
131.399

Harmonies

Complementary

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



30, 34.383, 314.704



43, 32.806, 130.665

Rectangle

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



30, 34.383, 314.704



30, 34.383, 4.704



30, 34.383, 134.704



30, 34.383, 184.704

Sweetspot

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



30, 34.382, 314.704



53, 12.533, 313.309



33, 20.163, 273.367



26, 8.608, 313.379



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



30, 34.382, 314.704



36, 51.249, 315.107



32, 34.411, 329.846



20, 3.948, 313.079



19, 68.493, 315.054



43, 118.405, 314.433

Inverse Universe

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



31, 25.266, 355.082



38, 37.411, 356.923



41, 34.513, 143.670



21, 2.897, 350.603



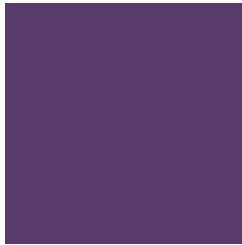
24, 47.671, 10.125



52, 82.541, 13.460

Previews

White Background



This preview shows how the CIELCh color 30, 34.383, 314.704 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 30, 34.383, 314.704 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 30, 34.383, 314.704

Background



This preview shows how black text looks on a background with the CIELCh color 30, 34.383, 314.704.



This preview shows how white text looks on a background with the CIELCh color 30, 34.383, 314.704.

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, 34.383, 314.704

Protanopia

30, 32.144, 285.701

Deuteranopia

30, 22.744, 280.541



Tritanopia
30, 7.834, 356.831

Trichromacy



Original Color
30, 34.383, 314.704

Protanomaly
30, 32.035, 295.226

Deuteranomaly
30, 26.312, 295.614

Tritanomaly
30, 16.086, 325.668

Monochromacy



Original Color
30, 34.383, 314.704

Achromatopsia
31, 0.005, 296.813

Achromatomaly
31, 12.435, 313.670

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 34.383, 314.704 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(89, 58, 109)` looks like.

```
.text, #text, p{  
    color:rgb(89, 58, 109)  
}
```

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(89, 58, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 58, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 34.383, 314.704 is called "border". The border property can be set on classes, ids or directly on the HTML element.

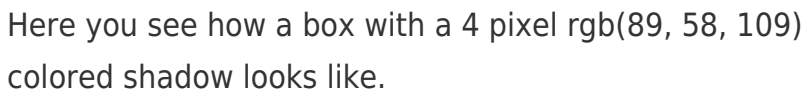
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(89, 58, 109) }
```

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

```
.border{ border-color:rgb(89, 58, 109) }
```

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



Here you see how a box with a 4 pixel `rgb(89, 58, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 58, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 58, 109);  
box-shadow:4px 4px 4px 4px rgb(89, 58,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 30, 34.383, 314.704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 58, 109) }
```

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

```
.background{ background-color: rgb(89, 58,  
109) }
```

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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