

Converting Colors

CIELCh(30, 43.632, 314.067)

Have a look what the booklet for
CIELCh(30, 43.632, 314.067)
contains.

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Color

CIELCh(30, 43.573, 314.051)

Conversions

Conversions Part 1

Format	Color
Hex	5C3678
RGB	92, 54, 120
RGB Percent	36%, 21%, 47%
CMY	0.6400, 0.7890, 0.5302
CMYK	0.23, 0.55, 0.00, 0.53
HSL	275°, 38%, 34%
HSV	275°, 55%, 47%
XYZ	9.0803, 6.2359, 18.4270
YIQ	72.8860, 1.4620, 28.5820

Conversions

Conversions Part 2

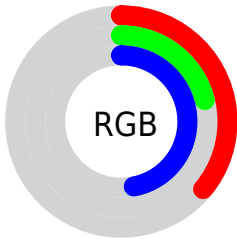
Format	Color
R_{YB}	92, 54, 120
Decimal	6043256
CIE _{Lab}	30.00, 30.30, -31.32
CIE _{LCh}	30, 43.573, 314.051
Yxy	6.2359, 0.2691, 0.1848
Android (android.graphics.Color)	4284233336 (0xFF5C3678)
YUV	72.8860, 23.2272, 16.7630
Hunter-Lab	24.9718, 21.2056, -26.2707

Details

The CIELCh color $[30, 43.573, 314.051]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[46, 40.935, 129.249]$, and the grayscale version is $[31, 0.005, 296.813]$.

A 20% lighter version of the original color is $[50, 43.876, 314.022]$, and $[10, 43.613, 314.064]$ is the 20% darker color. If you saturate the color by 10%, you get $[27, 51.131, 314.388]$, and if you desaturate by 10%, it is $[33, 35.641, 313.635]$.

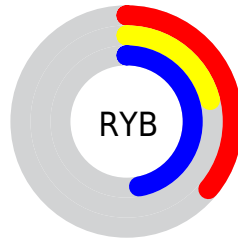
Distribution



Red (36%)

Green (21%)

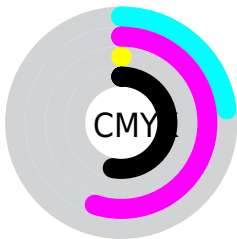
Blue (47%)



Red (36%)

Yellow (21%)

Blue (47%)

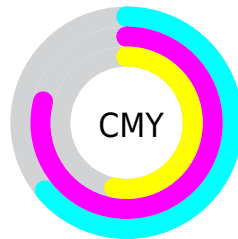


Cyan (23%)

Magenta (55%)

Yellow (0%)

Black (53%)



Cyan (64%)


Magenta (79%)


Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 43.573, 314.051 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, 43.573, 314.051 by changing the saturation by 10% instead.


 30, 43.573,
314.051


 30, 43.573,
314.051

 100, 43.573,
314.051


 20, 43.573,
314.051


 50, 43.573,
314.051


 10, 43.573,
314.051

 60, 43.573,
314.051

 0, 43.573, 314.051

 70, 43.573,
314.051

 80, 43.573,
314.051

 90, 43.573,
314.051

■ 30, 43.573,
314.051

■ 30, 43.573,
314.051

■ 27, 51.131,
314.388

■ 33, 35.641,
313.635

■ 24, 57.975,
314.585

■ 37, 27.579,
313.183

■ 21, 63.671,
314.564

■ 41, 19.539,
312.725

■ 19, 67.925,
314.278

■ 45, 11.618,
312.279

■ 18, 69.990,
314.172

■ 48, 3.868, 311.844

■ 52, 3.683, 131.509

■ 56, 11.023,
131.138

■ 60, 18.151,
130.815

■ 64, 25.071,
130.528

Harmonies

Complementary

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



30, 43.573, 314.051



46, 40.935, 129.249

Rectangle

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



30, 43.573, 314.051



30, 43.573, 4.051



30, 43.573, 134.051



30, 43.573, 184.051

Sweetspot

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



30, 43.572, 314.051



56, 16.265, 312.382



34, 24.556, 272.548



28, 10.984, 312.451



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



30, 43.572, 314.051



35, 64.008, 314.454



34, 43.987, 329.203



23, 4.231, 312.016



19, 71.095, 314.147



42, 121.113, 313.547

Inverse Universe

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



32, 32.337, 354.356



39, 46.690, 356.856



45, 44.342, 141.780



23, 3.190, 348.648



25, 49.044, 7.362



53, 83.348, 10.354

Previews

White Background



This preview shows how the CIELCh color 30, 43.573, 314.051 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, 43.573, 314.051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

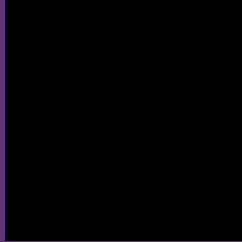
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 43.573, 314.051

Background



This preview shows how black text looks on a background with the CIELCh color 30, 43.573, 314.051.



This preview shows how white text looks on a background with the CIELCh color 30, 43.573, 314.051.

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

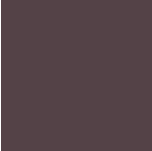
30, 43.573, 314.051

Protanopia

30, 42.289, 286.335

Deuteranopia

30, 29.402, 279.164



Tritanopia
30, 8.695, 359.501

Trichromacy



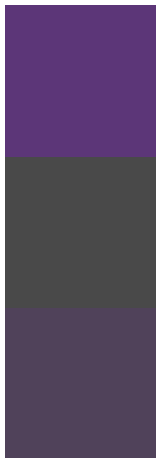
Original Color
30, 43.573, 314.051

Protanomaly
29, 42.198, 294.780

Deuteranomaly
30, 33.309, 293.867

Tritanomaly
30, 20.099, 323.822

Monochromacy



Original Color
30, 43.573, 314.051

Achromatopsia
31, 0.005, 296.813

Achromatomaly
30, 16.452, 313.009

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 43.573, 314.051 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(92, 54, 120)` looks like.

```
.text, #text, p{  
    color:rgb(92, 54, 120)  
}
```

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(92, 54, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 54, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 43.573, 314.051 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(92, 54, 120) }
```

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

```
.border{ border-color:rgb(92, 54, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 54, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 54, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 54, 120);  
box-shadow:4px 4px 4px 4px rgb(92, 54,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 30, 43.573, 314.051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 54, 120) }
```

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

```
.background{ background-color: rgb(92, 54,  
120) }
```

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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