

Converting Colors

CIELCh(35, 30.553, 307.187)

Have a look what the booklet for
CIELCh(35, 30.553, 307.187)
contains.

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Color

CIELCh(35, 30.132, 307.121)

Conversions

Conversions Part 1

Format	Color
Hex	5C4A79
RGB	92, 74, 121
RGB Percent	36%, 29%, 47%
CMY	0.6403, 0.7108, 0.5266
CMYK	0.24, 0.39, 0.00, 0.53
HSL	263°, 24%, 38%
HSV	263°, 39%, 47%
XYZ	10.2524, 8.4984, 19.0997
YIQ	84.7400, -4.3590, 18.4330

Conversions

Conversions Part 2

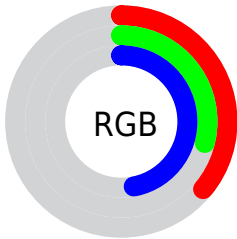
Format	Color
RYB	92, 74, 121
Decimal	6048377
CIELab	35.00, 18.18, -24.03
CIELCh	35, 30.132, 307.121
Yxy	8.4984, 0.2709, 0.2245
Android (android.graphics.Color)	4284238457 (0xFF5C4A79)
YUV	84.7400, 17.8762, 6.3670
Hunter-Lab	29.1520, 11.7604, -18.4389

Details

The CIELCh color **35, 30.132, 307.121** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **48, 28.155, 122.956**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 30.281, 306.864**, and **15, 29.887, 306.751** is the 20% darker color. If you saturate the color by 10%, you get **31, 38.304, 307.811**, and if you desaturate by 10%, it is **39, 22.083, 306.465**.

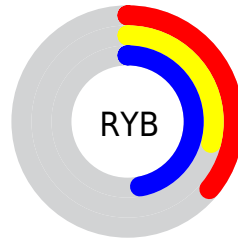
Distribution



Red (36%)

Green (29%)

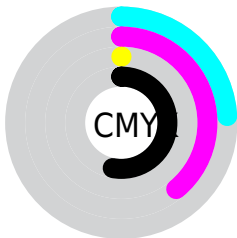
Blue (47%)



Red (36%)

Yellow (29%)

Blue (47%)

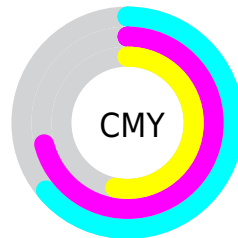


Cyan (24%)

Magenta (39%)

Yellow (0%)

Black (53%)



Cyan (64%)


Magenta (71%)


Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 30.132, 307.121 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, 30.132, 307.121 by changing the saturation by 10% instead.


 35, 30.132,
307.121


 35, 30.132,
307.121


 100, 30.132,
307.121


 25, 30.132,
307.121

 55, 30.132,
307.121


 15, 30.132,
307.121


 65, 30.132,
307.121

 5, 30.132, 307.121

 75, 30.132,
307.121

 0, 30.132, 307.121

 85, 30.132,
307.121

 95, 30.132,
307.121

■ 35, 30.132,
307.121

■ 35, 30.132,
307.121

■ 31, 38.304,
307.811

■ 39, 22.083,
306.465

■ 27, 46.466,
308.501

■ 43, 14.230,
305.859

■ 24, 54.374,
309.136

■ 47, 6.604, 305.307

■ 20, 61.628,
309.628

■ 51, 0.785, 124.895

■ 55, 7.938, 124.400

■ 18, 67.667,
309.856

■ 59, 14.863,
124.017

■ 16, 72.638,
309.926

■ 63, 21.568,
123.684

■ 15, 73.220,
309.958

■ 67, 28.066,
123.395

■ 71, 34.369,
123.145

Harmonies

Complementary

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



35, 30.132, 307.121



48, 28.155, 122.956

Rectangle

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



35, 30.132, 307.121



35, 30.132, 357.121



35, 30.132, 127.121



35, 30.132, 177.121

Sweetspot

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



35, 30.131, 307.121



59, 11.145, 305.488



42, 14.442, 244.966



30, 7.363, 305.541



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



35, 30.131, 307.121



42, 45.866, 307.760



38, 32.584, 322.480



24, 4.222, 305.316



16, 75.084, 309.921



37, 127.203, 309.369

Inverse Universe

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



38, 25.962, 340.938



46, 38.754, 341.863



47, 32.276, 138.521



24, 3.766, 338.442



26, 52.255, 350.392



55, 87.114, 352.061

Previews

White Background



This preview shows how the CIE LCh color 35, 30.132, 307.121 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 35, 30.132, 307.121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

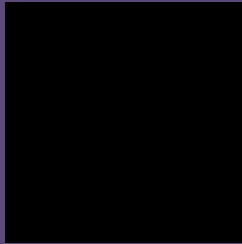
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 30.132, 307.121

Background



This preview shows how black text looks on a background with the CIELCh color 35, 30.132, 307.121.



This preview shows how white text looks on a background with the CIELCh color 35, 30.132, 307.121.

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, 30.132, 307.121

Protanopia

35, 28.842, 285.227

Deuteranopia

35, 23.340, 282.224



Tritanopia
35, 4.325, 320.057

Trichromacy



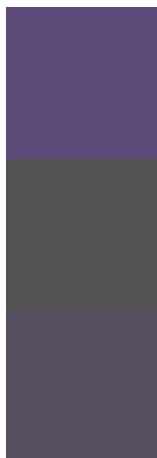
Original Color
35, 30.132, 307.121

Protanomaly
35, 29.339, 292.938

Deuteranomaly
35, 25.586, 292.755

Tritanomaly
35, 13.799, 309.182

Monochromacy



Original Color
35, 30.132, 307.121

Achromatopsia
36, 0.005, 296.813

Achromatomaly
35, 11.033, 306.768

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 30.132, 307.121 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, 74, 121)` looks like.

```
.text, #text, p{  
    color:rgb(92, 74, 121)  
}
```

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, 74, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 74, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 30.132, 307.121 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, 74, 121) }
```

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

```
.border{ border-color:rgb(92, 74, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 74, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 74, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 74, 121);  
box-shadow:4px 4px 4px 4px rgb(92, 74,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 30.132, 307.121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 74, 121) }
```

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

```
.background{ background-color: rgb(92, 74,  
121) }
```

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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