

Converting Colors

CIELCh(35, 23.923, 307.459)

Have a look what the booklet for
CIELCh(35, 23.923, 307.459)
contains.

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Color

CIELCh(35, 23.874, 307.447)

Conversions

Conversions Part 1

Format	Color
Hex	5B4C71
RGB	91, 76, 113
RGB Percent	36%, 30%, 44%
CMY	0.6448, 0.7035, 0.5586
CMYK	0.20, 0.33, 0.00, 0.56
HSL	264°, 20%, 37%
HSV	264°, 33%, 44%
XYZ	9.7856, 8.4984, 16.6196
YIQ	84.7030, -2.9370, 14.6870

Conversions

Conversions Part 2

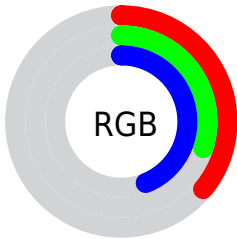
Format	Color
RYB	91, 76, 113
Decimal	5983345
CIELab	35.00, 14.52, -18.95
CIELCh	35, 23.874, 307.447
Yxy	8.4984, 0.2804, 0.2435
Android (android.graphics.Color)	4284173425 (0xFF5B4C71)
YUV	84.7030, 13.9504, 5.5225
Hunter-Lab	29.1520, 8.9021, -13.3949

Details

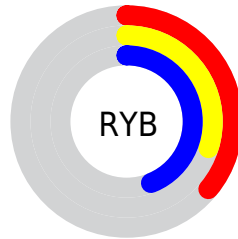
The CIELCh color **35, 23.874, 307.447** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **45, 22.635, 124.123**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 23.913, 307.660**, and **15, 23.730, 307.054** is the 20% darker color. If you saturate the color by 10%, you get **31, 31.525, 308.079**, and if you desaturate by 10%, it is **39, 16.373, 306.852**.

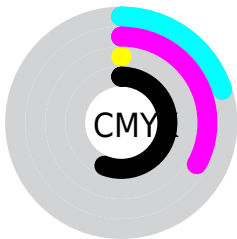
Distribution



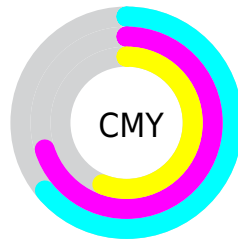
- Red (36%)
- Green (30%)
- Blue (44%)



- Red (36%)
- Yellow (30%)
- Blue (44%)



- Cyan (20%)
- Magenta (33%)
- Yellow (0%)
- Black (56%)



- Cyan (64%)
- Magenta (70%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 23.874, 307.447 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, 23.874, 307.447 by changing the saturation by 10% instead.

■ 35, 23.874,
307.447

■ 35, 23.874,
307.447

■ 100, 23.874,
307.447

■ 25, 23.874,
307.447

■ 55, 23.874,
307.447

■ 15, 23.874,
307.447

■ 65, 23.874,
307.447

■ 5, 23.874, 307.447

■ 75, 23.874,
307.447

■ 0, 23.874, 307.447

■ 85, 23.874,
307.447

■ 95, 23.874,
307.447

■ 35, 23.874,
307.447

■ 35, 23.874,
307.447

■ 31, 31.525,
308.079

■ 39, 16.373,
306.852

■ 28, 39.239,
308.728

■ 43, 9.070, 306.306

■ 46, 1.981, 305.793

■ 24, 46.854,
309.354

■ 50, 4.888, 125.395

■ 21, 54.095,
309.892

■ 54, 11.542,
125.002

■ 18, 60.540,
310.249

■ 58, 17.988,
124.661

■ 16, 65.685,
310.315

■ 61, 24.236,
124.363

■ 14, 69.282,
310.443

■ 65, 30.296,
124.104

■ 69, 36.178,
123.880

Harmonies

Complementary

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



35, 23.874, 307.447



45, 22.635, 124.123

Rectangle

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



35, 23.874, 307.447



35, 23.874, 357.447



35, 23.874, 127.447



35, 23.874, 177.447

Sweetspot

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



35, 23.873, 307.447



56, 8.675, 306.172



40, 11.900, 248.258



28, 5.974, 306.228



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



35, 23.873, 307.447



42, 35.273, 307.897



37, 26.224, 323.210



21, 3.939, 306.108



15, 72.512, 310.369



37, 124.671, 309.767

Inverse Universe

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



37, 20.431, 341.468



45, 29.851, 342.150



44, 26.065, 139.821



22, 3.446, 339.479



25, 50.224, 352.067



54, 84.940, 353.990

Previews

White Background



This preview shows how the CIELCh color 35, 23.874, 307.447 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, 23.874, 307.447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

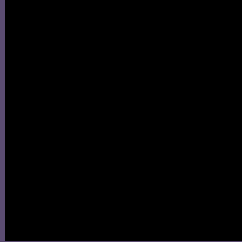
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 23.874, 307.447

Background



This preview shows how black text looks on a background with the CIELCh color 35, 23.874, 307.447.



This preview shows how white text looks on a background with the CIELCh color 35, 23.874, 307.447.

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, 23.874, 307.447

Protanopia

35, 22.595, 285.045

Deuteranopia

35, 18.817, 285.530



Tritanopia
35, 4.325, 320.057

Trichromacy



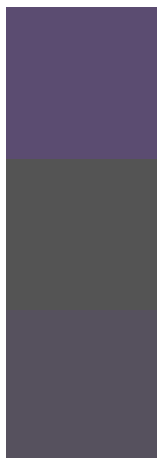
Original Color
35, 23.874, 307.447

Protanomaly
35, 22.495, 292.931

Deuteranomaly
35, 20.646, 294.559

Tritanomaly
35, 11.292, 310.822

Monochromacy



Original Color
35, 23.874, 307.447

Achromatopsia
36, 0.005, 296.813

Achromatomaly
35, 8.400, 305.612

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 23.874, 307.447 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(91, 76, 113)` looks like.

```
.text, #text, p{  
    color:rgb(91, 76, 113)  
}
```

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(91, 76, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 76, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 23.874, 307.447 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(91, 76, 113) }
```

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

```
.border{ border-color:rgb(91, 76, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 76, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 76, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 76, 113);  
box-shadow:4px 4px 4px 4px rgb(91, 76,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 23.874, 307.447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 76, 113) }
```

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

```
.background{ background-color: rgb(91, 76,  
113) }
```

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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