

Converting Colors

CIELCh(52, 35.811, 310.276)

Have a look what the booklet for
CIELCh(52, 35.811, 310.276)
contains.

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Color

CIELCh(52, 35.847, 310.467)

Conversions

Conversions Part 1

Format	Color
Hex	8D70AB
RGB	141, 112, 171
RGB Percent	55%, 44%, 67%
CMY	0.4476, 0.5613, 0.3300
CMYK	0.18, 0.35, 0.00, 0.33
HSL	269°, 26%, 55%
HSV	269°, 35%, 67%
XYZ	24.0773, 20.1443, 41.0763
YIQ	127.3970, -1.6550, 24.4970

Conversions

Conversions Part 2

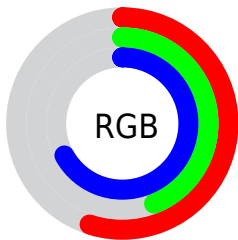
Format	Color
R_{YB}	141, 112, 171
Decimal	9269419
CIE _{Lab}	52.00, 23.27, -27.27
CIE _{LCh}	52, 35.847, 310.467
Yxy	20.1443, 0.2823, 0.2362
Android (android.graphics.Color)	4287459499 (0xFF8D70AB)
YUV	127.3970, 21.4963, 11.9298
Hunter-Lab	44.8824, 17.2126, -22.8444

Details

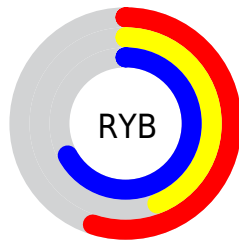
The CIELCh color $52, 35.847, 310.467$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $67, 34.127, 127.173$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 36.054, 310.149$, and $32, 35.366, 310.684$ is the 20% darker color. If you saturate the color by 10%, you get $47, 46.634, 311.014$, and if you desaturate by 10%, it is $57, 25.166, 309.931$.

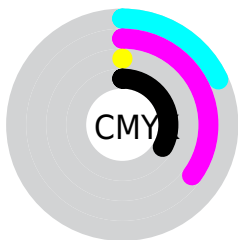
Distribution



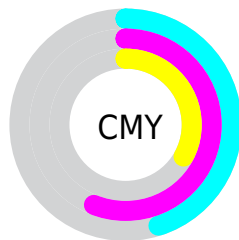
- Red (55%)
- Green (44%)
- Blue (67%)



- Red (55%)
- Yellow (44%)
- Blue (67%)



- Cyan (18%)
- Magenta (35%)
- Yellow (0%)
- Black (33%)





- Cyan (45%)
- Magenta (56%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 35.847, 310.467 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 52, 35.847, 310.467 by changing the saturation by 10% instead.


 52, 35.847,
310.467


 52, 35.847,
310.467


 100, 35.847,
310.467


 42, 35.847,
310.467


 72, 35.847,
310.467

 32, 35.847,
310.467

 82, 35.847,
310.467

 22, 35.847,
310.467

 92, 35.847,
310.467

 12, 35.847,
310.467

 2, 35.847, 310.467

 0, 35.847, 310.467

■ 52, 35.847,
310.467

■ 52, 35.847,
310.467

■ 47, 46.634,
311.014

■ 57, 25.166,
309.931

■ 42, 57.334,
311.539

■ 62, 14.706,
309.424

■ 38, 67.615,
311.989

■ 68, 4.520, 308.944

■ 34, 76.970,
312.288

■ 73, 5.368, 128.565

■ 30, 84.717,
312.331

■ 78, 14.951,
128.177

■ 27, 90.150,
312.007

■ 83, 24.237,
127.842

■ 26, 92.549,
311.770

■ 88, 33.233,
127.549

■ 94, 41.956,
127.293

■ 96, 44.473,
124.840

Harmonies

Complementary

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



52, 35.847, 310.467



67, 34.127, 127.173

Rectangle

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



52, 35.847, 310.467



52, 35.847, 0.467



52, 35.847, 130.467



52, 35.847, 180.467

Sweetspot

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



52, 35.846, 310.467



82, 12.445, 309.214



58, 18.793, 259.078



43, 8.575, 309.279



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



52, 35.846, 310.467



62, 52.998, 310.861



55, 39.548, 325.792



34, 5.759, 309.172



23, 84.188, 311.887



1, 11.814, 305.587

Inverse Universe

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



54, 28.637, 346.411



66, 41.971, 347.275



65, 39.537, 141.602



34, 4.670, 343.907



32, 57.343, 0.458



2, 9.182, 348.345

Previews

White Background



This preview shows how the CIELCh color 52, 35.847, 310.467 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 52, 35.847, 310.467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

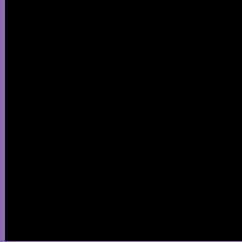
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 35.847, 310.467

Background



This preview shows how black text looks on a background with the CIELCh color 52, 35.847, 310.467.



This preview shows how white text looks on a background with the CIELCh color 52, 35.847, 310.467.

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

52, 35.847, 310.467

Protanopia

52, 33.257, 285.534

Deuteranopia

52, 27.415, 285.913



Tritanopia
52, 8.073, 334.364

Trichromacy



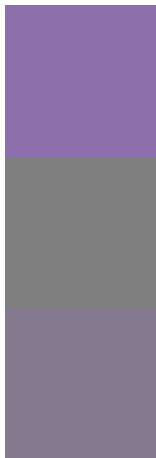
Original Color
52, 35.847, 310.467

Protanomaly
52, 33.750, 294.822

Deuteranomaly
52, 30.332, 296.407

Tritanomaly
52, 17.892, 315.840

Monochromacy



Original Color
52, 35.847, 310.467

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 13.503, 309.747

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 35.847, 310.467 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(141, 112, 171)` looks like.

```
.text, #text, p{  
    color:rgb(141, 112, 171)  
}
```

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(141, 112, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 112, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 35.847, 310.467 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(141, 112, 171) }
```

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

```
.border{ border-color:rgb(141, 112, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 112, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 112, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 112, 171);  
box-shadow:4px 4px 4px 4px rgb(141, 112,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 35.847, 310.467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 112, 171) }
```

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

```
.background{ background-color: rgb(141,  
112, 171) }
```

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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