

Converting Colors

CIELCh(52, 51.761, 306.744)

Have a look what the booklet for
CIELCh(52, 51.761, 306.744)
contains.

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Color

CIELCh(52, 51.467, 306.816)

Conversions

Conversions Part 1

Format	Color
Hex	8B6CC3
RGB	139, 108, 195
RGB Percent	55%, 42%, 76%
CMY	0.4550, 0.5766, 0.2354
CMYK	0.29, 0.45, 0.00, 0.24
HSL	261°, 42%, 59%
HSV	261°, 45%, 76%
XYZ	25.8489, 20.1443, 54.1374
YIQ	127.1870, -9.4510, 33.6290

Conversions

Conversions Part 2

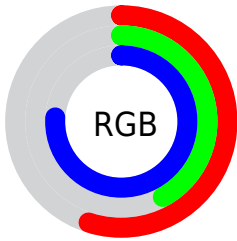
Format	Color
RYB	139, 108, 195
Decimal	9137347
CIELab	52.00, 30.84, -41.20
CIElCh	52, 51.467, 306.816
Yxy	20.1443, 0.2582, 0.2012
Android (android.graphics.Color)	4287327427 (0xFF8B6CC3)
YUV	127.1870, 33.4318, 10.3600
Hunter-Lab	44.8824, 24.2582, -40.0982

Details

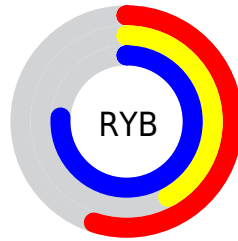
The CIELCh color $52, 51.467, 306.816$ is a dark color, and the websafe version is hex `9966CC`. A complement of this color would be $75, 47.154, 121.556$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 51.416, 306.669$, and $32, 51.383, 306.714$ is the 20% darker color. If you saturate the color by 10%, you get $46, 63.616, 307.598$, and if you desaturate by 10%, it is $58, 39.398, 306.057$.

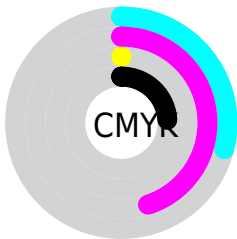
Distribution



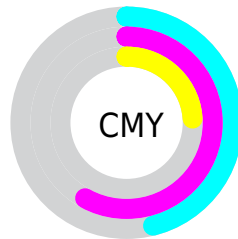
- Red (55%)
- Green (42%)
- Blue (76%)



- Red (55%)
- Yellow (42%)
- Blue (76%)



- Cyan (29%)
- Magenta (45%)
- Yellow (0%)
- Black (24%)





- Cyan (46%)
- Magenta (58%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 51.467, 306.816 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, 51.467, 306.816 by changing the saturation by 10% instead.


 52, 51.467,
306.816


 52, 51.467,
306.816


 100, 51.467,
306.816


 42, 51.467,
306.816


 72, 51.467,
306.816

 32, 51.467,
306.816

 82, 51.467,
306.816

 22, 51.467,
306.816

 92, 51.467,
306.816

 12, 51.467,
306.816

 2, 51.467, 306.816

 0, 51.467, 306.816

52, 51.467,
306.816

52, 51.467,
306.816

46, 63.616,
307.598

58, 39.398,
306.057

41, 75.512,
308.345

64, 27.588,
305.350

36, 86.564,
308.962

70, 16.116,
304.708

32, 95.882,
309.311

76, 5.013, 304.128

29, 102.426,
309.233


82, 5.718, 123.650

27, 105.076,
309.096

88, 16.085,
123.203

94, 26.105,
122.819

98, 30.872,
118.835

 98, 30.272,
110.086

Harmonies

Complementary

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



52, 51.467, 306.816



75, 47.154, 121.556

Rectangle

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



52, 51.467, 306.816



52, 51.467, 356.816



52, 51.467, 126.816



52, 51.467, 176.816

Sweetspot

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



52, 51.466, 306.816



89, 17.633, 304.622



65, 23.787, 244.150



47, 12.486, 304.758



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



52, 51.466, 306.816



59, 77.585, 307.615



57, 54.790, 322.266



38, 6.165, 304.396



22, 90.870, 309.241



2, 19.834, 300.734

Inverse Universe

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



57, 44.484, 340.345



68, 65.089, 341.445



72, 54.141, 137.556



38, 5.625, 337.291



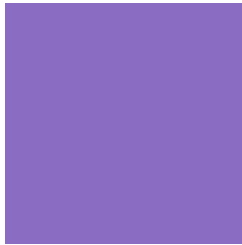
35, 63.335, 348.942



3, 17.430, 343.607

Previews

White Background



This preview shows how the CIELCh color 52, 51.467, 306.816 looks on a white background.

Color Contrast Check

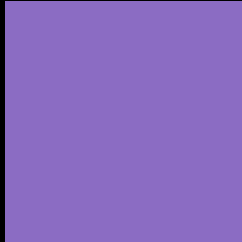
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 52, 51.467, 306.816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

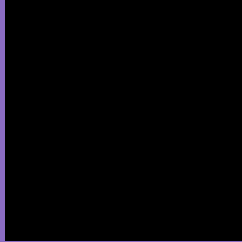
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 51.467, 306.816

Background



This preview shows how black text looks on a background with the CIELCh color 52, 51.467, 306.816.



This preview shows how white text looks on a background with the CIELCh color 52, 51.467, 306.816.

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, 51.467, 306.816

Protanopia
52, 50.062, 286.406

Deuteranopia
52, 40.046, 281.032



Tritanopia
52, 6.162, 309.377

Trichromacy



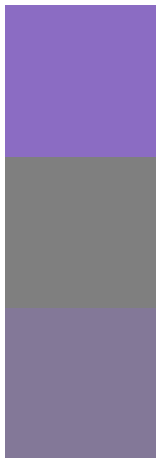
Original Color
52, 51.467, 306.816

Protanomaly
52, 50.451, 293.260

Deuteranomaly
52, 43.538, 291.493

Tritanomaly
52, 22.803, 305.731

Monochromacy



Original Color
52, 51.467, 306.816

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 19.102, 304.649

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 51.467, 306.816 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(139, 108, 195)` looks like.

```
.text, #text, p{  
    color:rgb(139, 108, 195)  
}
```

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(139, 108, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 108, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 51.467, 306.816 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(139, 108, 195) }
```

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

```
.border{ border-color:rgb(139, 108, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 108, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 108, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 108, 195);  
box-shadow:4px 4px 4px 4px rgb(139, 108,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 51.467, 306.816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 108, 195) }
```

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

```
.background{ background-color: rgb(139,  
108, 195) }
```

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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