

Converting Colors

CIELCh(53, 55.261, 310.788)

Have a look what the booklet for
CIELCh(53, 55.261, 310.788)
contains.

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Color

CIELCh(53, 55.470, 310.923)

Conversions

Conversions Part 1

Format	Color
Hex	976AC7
RGB	151, 106, 199
RGB Percent	59%, 42%, 78%
CMY	0.4074, 0.5839, 0.2192
CMYK	0.24, 0.47, 0.00, 0.22
HSL	269°, 45%, 60%
HSV	269°, 47%, 78%
XYZ	28.2676, 21.0462, 56.6710
YIQ	130.0570, -3.0330, 38.4630

Conversions

Conversions Part 2

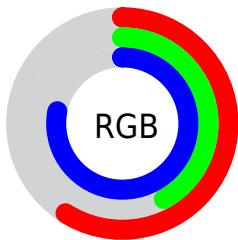
Format	Color
R _Y B	151, 106, 199
Decimal	9923271
CIE Lab	53.00, 36.34, -41.91
CIE LCh	53, 55.470, 310.923
Yxy	21.0462, 0.2667, 0.1986
Android (android.graphics.Color)	4288113351 (0xFF976AC7)
YUV	130.0570, 33.9889, 18.3670
Hunter-Lab	45.8761, 29.7035, -41.1280

Details

The CIELCh color `53, 55.470, 310.923` is a light color, and the websafe version is hex `9966CC`. A complement of this color would be `75, 51.659, 126.325`, and the grayscale version is `54, 0.007, 296.813`.

A 20% lighter version of the original color is `73, 55.019, 311.153`, and `33, 55.727, 310.722` is the 20% darker color. If you saturate the color by 10%, you get `48, 67.520, 311.451`, and if you desaturate by 10%, it is `59, 43.244, 310.363`.

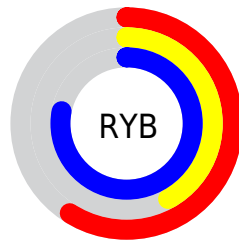
Distribution



Red (59%)

Green (42%)

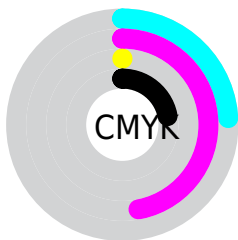
Blue (78%)



Red (59%)

Yellow (42%)

Blue (78%)

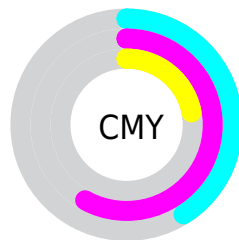


Cyan (24%)

Magenta (47%)

Yellow (0%)

Black (22%)



Cyan (41%)


Magenta (58%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 55.470, 310.923 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 53, 55.470, 310.923 by changing the saturation by 10% instead.


 53, 55.470,
310.923


 53, 55.470,
310.923


 100, 55.470,
310.923


 43, 55.470,
310.923


 73, 55.470,
310.923

 33, 55.470,
310.923

 83, 55.470,
310.923

 23, 55.470,
310.923

 93, 55.470,
310.923

 13, 55.470,
310.923

 3, 55.470, 310.923

 0, 55.470, 310.923

53, 55.470,
310.923

53, 55.470,
310.923

48, 67.520,
311.451

59, 43.244,
310.363

43, 78.965,
311.886

64, 31.106,
309.809

38, 89.153,
312.137

70, 19.201,
309.282

34, 97.251,
312.092

76, 7.604, 308.789

32, 102.546,
311.648

82, 3.653, 128.397

31, 103.991,
311.480

88, 14.561,
127.982

94, 25.125,
127.633

97, 29.422,
123.936

 98, 28.546,
116.650

Harmonies

Complementary

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



53, 55.470, 310.923



75, 51.659, 126.325

Rectangle

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



53, 55.470, 310.923



53, 55.470, 0.923



53, 55.470, 130.923



53, 55.470, 180.923

Sweetspot

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



53, 55.469, 310.923



90, 19.593, 309.155



62, 28.432, 262.068



46, 13.569, 309.266



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



53, 55.469, 310.923



61, 81.501, 311.457



58, 59.668, 326.387



39, 6.442, 308.918



25, 89.578, 311.643



2, 22.304, 305.343

Inverse Universe

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



57, 43.767, 347.547



67, 62.971, 349.060



73, 59.822, 140.390



39, 5.258, 343.517



35, 60.929, 0.059



4, 18.019, 351.999

Previews

White Background



This preview shows how the CIELCh color 53, 55.470, 310.923 looks on a white background.

Color Contrast Check

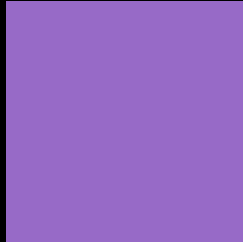
Large Text (above 18pt) WCAG AA ✓ Pass

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 53, 55.470, 310.923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

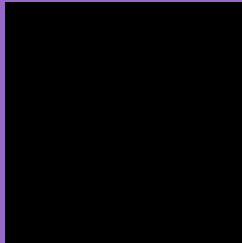
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 55.470, 310.923

Background



This preview shows how black text looks on a background with the CIELCh color 53, 55.470, 310.923.

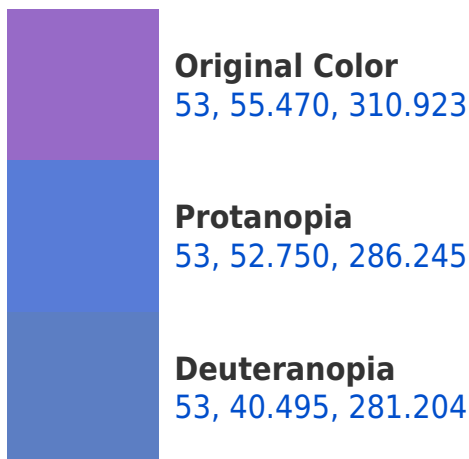



This preview shows how white text looks on a background with the CIELCh color 53, 55.470, 310.923.

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





Tritanopia
53, 8.567, 343.037

Trichromacy



Original Color
53, 55.470, 310.923



Protanomaly
53, 53.168, 294.544



Deuteranomaly
53, 44.565, 293.145



Tritanomaly
53, 25.337, 316.005

Monochromacy



Original Color
53, 55.470, 310.923



Achromatopsia
54, 0.007, 296.813



Achromatomaly
53, 20.746, 310.076

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 55.470, 310.923 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(151, 106, 199)` looks like.

```
.text, #text, p{  
    color:rgb(151, 106, 199)  
}
```

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(151, 106, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 106, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 55.470, 310.923 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(151, 106, 199) }
```

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

```
.border{ border-color:rgb(151, 106, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 106, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 106, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 106, 199);  
box-shadow:4px 4px 4px 4px rgb(151, 106,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 55.470, 310.923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 106, 199) }
```

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

```
.background{ background-color: rgb(151,  
106, 199) }
```

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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