

Converting Colors

CIELCh(51, 25.682, 312.197)

Have a look what the booklet for
CIELCh(51, 25.682, 312.197)
contains.

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Color

CIELCh(51, 25.465, 312.340)

Conversions

Conversions Part 1

Format	Color
Hex	88719A
RGB	136, 113, 154
RGB Percent	53%, 44%, 60%
CMY	0.4680, 0.5581, 0.3974
CMYK	0.12, 0.27, 0.00, 0.40
HSL	274°, 17%, 52%
HSV	274°, 27%, 60%
XYZ	21.7749, 19.2686, 32.9979
YIQ	124.5510, 0.5470, 17.6270

Conversions

Conversions Part 2

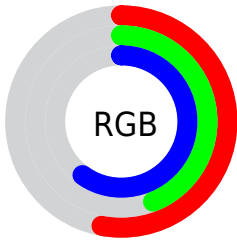
Format	Color
R_{YB}	136, 113, 154
Decimal	8941978
CIE _{Lab}	51.00, 17.15, -18.82
CIE _{LCh}	51, 25.465, 312.340
Yxy	19.2686, 0.2941, 0.2602
Android (android.graphics.Color)	4287132058 (0xFF88719A)
YUV	124.5510, 14.5184, 10.0408
Hunter-Lab	43.8960, 11.7280, -13.8427

Details

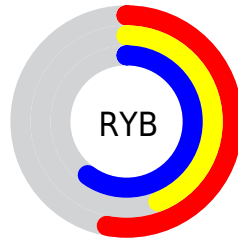
The CIELCh color $51, 25.465, 312.340$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $61, 24.688, 129.993$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 25.210, 312.759$, and $31, 25.547, 312.491$ is the 20% darker color. If you saturate the color by 10%, you get $46, 35.330, 312.818$, and if you desaturate by 10%, it is $56, 15.734, 311.872$.

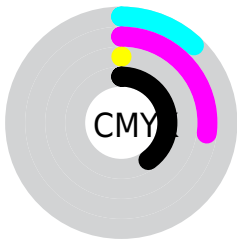
Distribution



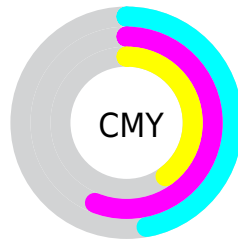
- Red (53%)
- Green (44%)
- Blue (60%)



- Red (53%)
- Yellow (44%)
- Blue (60%)



- Cyan (12%)
- Magenta (27%)
- Yellow (0%)
- Black (40%)





- Cyan (47%)
- Magenta (56%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 25.465, 312.340 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 51, 25.465, 312.340 by changing the saturation by 10% instead.


 51, 25.465,
312.340


 51, 25.465,
312.340


 100, 25.465,
312.340


 41, 25.465,
312.340


 71, 25.465,
312.340

 31, 25.465,
312.340

 81, 25.465,
312.340

 21, 25.465,
312.340

 91, 25.465,
312.340

 11, 25.465,
312.340

 1, 25.465, 312.340

 0, 25.465, 312.340

51, 25.465,
312.340

51, 25.465,
312.340

46, 35.330,
312.818

56, 15.734,
311.872

42, 45.201,
313.287

60, 6.217, 311.423

38, 54.856,
313.711

65, 3.051, 131.074

34, 63.956,
314.037

70, 12.054,
130.679

30, 72.018,
314.193

74, 20.789,
130.344

28, 78.458,
314.088

79, 29.261,
130.047


25, 82.895,
313.666

84, 37.480,
129.785

25, 84.271,

88, 45.457,
129.555

313.531

 93, 53.204,
129.354

Harmonies

Complementary

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



51, 25.465, 312.340



61, 24.688, 129.993

Rectangle

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



51, 25.465, 312.340



51, 25.465, 2.340



51, 25.465, 132.340



51, 25.465, 182.340

Sweetspot

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



51, 25.463, 312.340



76, 9.220, 311.490



54, 14.330, 264.651



39, 6.547, 311.553



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



51, 25.463, 312.340



62, 37.921, 312.624



53, 27.306, 327.264



30, 5.267, 311.537



22, 78.774, 313.620



1, 5.618, 310.844

Inverse Universe

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



52, 19.425, 349.588



63, 28.868, 350.284



60, 27.289, 144.023



30, 4.021, 347.808



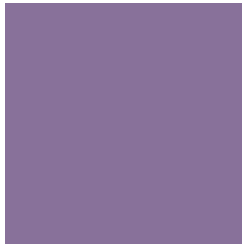
29, 54.108, 6.674



1, 4.271, 347.497

Previews

White Background



This preview shows how the CIELCh color 51, 25.465, 312.340 looks on a white background.

Color Contrast Check

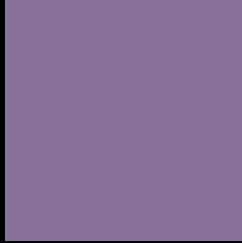
Large Text (above 18pt) WCAG AA ✓ Pass

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 51, 25.465, 312.340 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 51, 25.465, 312.340

Background



This preview shows how black text looks on a background with the CIELCh color 51, 25.465, 312.340.



This preview shows how white text looks on a background with the CIELCh color 51, 25.465, 312.340.

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

51, 25.465, 312.340

Protanopia

51, 22.849, 285.274

Deuteranopia

51, 19.254, 291.535



Tritanopia
51, 7.407, 335.222

Trichromacy



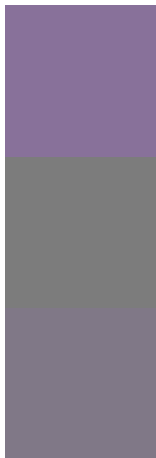
Original Color
51, 25.465, 312.340

Protanomaly
51, 23.421, 295.678

Deuteranomaly
51, 21.231, 299.611

Tritanomaly
51, 13.970, 319.745

Monochromacy



Original Color
51, 25.465, 312.340

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 9.313, 310.683

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 25.465, 312.340 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(136, 113, 154)` looks like.

```
.text, #text, p{  
    color:rgb(136, 113, 154)  
}
```

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(136, 113, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 113, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 25.465, 312.340 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(136, 113, 154) }
```

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

```
.border{ border-color:rgb(136, 113, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 113, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 113, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 113, 154);  
box-shadow:4px 4px 4px 4px rgb(136, 113,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 25.465, 312.340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 113, 154) }
```

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

```
.background{ background-color: rgb(136,  
113, 154) }
```

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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