

Converting Colors

CIELCh(53, 44.066, 305.678)

Have a look what the booklet for
CIELCh(53, 44.066, 305.678)
contains.

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Color

CIELCh(53, 43.706, 305.813)

Conversions

Conversions Part 1

Format	Color
Hex	8B72BC
RGB	139, 114, 188
RGB Percent	55%, 45%, 74%
CMY	0.4561, 0.5541, 0.2640
CMYK	0.26, 0.39, 0.00, 0.26
HSL	260°, 35%, 59%
HSV	260°, 39%, 74%
XYZ	25.6205, 21.0462, 50.1049
YIQ	129.9110, -8.8540, 28.3140

Conversions

Conversions Part 2

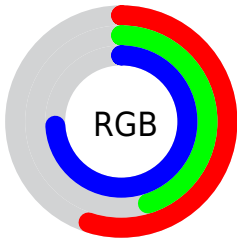
Format	Color
R _Y B	139, 114, 188
Decimal	9138876
CIE Lab	53.00, 25.57, -35.44
CIE LCh	53, 43.706, 305.813
Yxy	21.0462, 0.2648, 0.2175
Android (android.graphics.Color)	4287328956 (0xFF8B72BC)
YUV	129.9110, 28.6379, 7.9711
Hunter-Lab	45.8761, 19.4039, -32.6420

Details

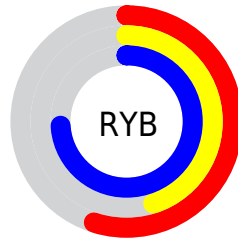
The CIELCh color $53, 43.706, 305.813$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $73, 40.444, 121.074$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 44.039, 305.853$, and $33, 43.229, 305.765$ is the 20% darker color. If you saturate the color by 10%, you get $47, 55.489, 306.625$, and if you desaturate by 10%, it is $59, 32.125, 305.049$.

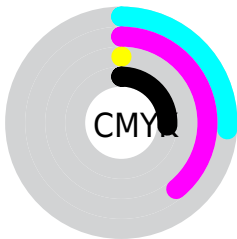
Distribution



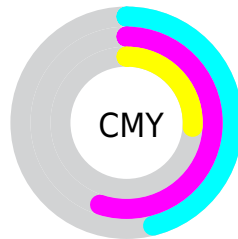
- Red (55%)
- Green (45%)
- Blue (74%)



- Red (55%)
- Yellow (45%)
- Blue (74%)



- Cyan (26%)
- Magenta (39%)
- Yellow (0%)
- Black (26%)





- Cyan (46%)
- Magenta (55%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 43.706, 305.813 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, 43.706, 305.813 by changing the saturation by 10% instead.


 53, 43.706,
305.813


 53, 43.706,
305.813


 100, 43.706,
305.813


 43, 43.706,
305.813


 73, 43.706,
305.813

 33, 43.706,
305.813

 83, 43.706,
305.813

 23, 43.706,
305.813

 93, 43.706,
305.813

 13, 43.706,
305.813

 3, 43.706, 305.813

 0, 43.706, 305.813

53, 43.706,
305.813

53, 43.706,
305.813

47, 55.489,
306.625

59, 32.125,
305.049

42, 67.253,
307.445

65, 20.857,
304.351

37, 78.574,
308.200

71, 9.946, 303.725

32, 88.743,
308.770

76, 0.599, 123.280

29, 96.769,
308.999

82, 10.784,
122.705


26, 102.155,
308.844

88, 20.623,
122.284

26, 102.456,
308.839

94, 30.134,
121.921

97, 34.527,
118.261

 98, 33.914,
110.470

Harmonies

Complementary

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



53, 43.706, 305.813



73, 40.444, 121.074

Rectangle

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



53, 43.706, 305.813



53, 43.706, 355.813



53, 43.706, 125.813



53, 43.706, 175.813

Sweetspot

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



53, 43.705, 305.813



88, 15.806, 303.892



64, 20.533, 240.693



46, 10.503, 303.972



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



53, 43.705, 305.813



62, 65.375, 306.490



57, 46.953, 321.546



37, 6.014, 303.722



21, 90.108, 308.967



1, 17.720, 299.958

Inverse Universe

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



57, 38.782, 338.936



69, 56.779, 339.736



71, 46.340, 137.521



37, 5.576, 336.473



35, 63.263, 347.448



3, 15.585, 341.993

Previews

White Background



This preview shows how the CIELCh color 53, 43.706, 305.813 looks on a white background.

Color Contrast Check

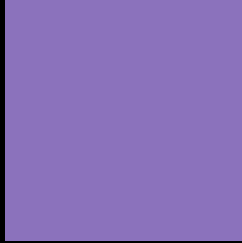
Large Text (above 18pt) WCAG AA ✓ Pass

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 53, 43.706, 305.813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

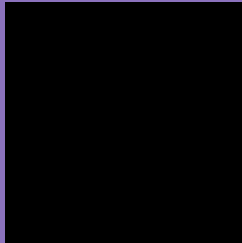
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 43.706, 305.813

Background



This preview shows how black text looks on a background with the CIELCh color 53, 43.706, 305.813.



This preview shows how white text looks on a background with the CIELCh color 53, 43.706, 305.813.

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
53, 43.706, 305.813

Protanopia
53, 42.407, 285.823

Deuteranopia
53, 34.530, 282.058



Tritanopia
53, 6.020, 305.848

Trichromacy



Original Color
53, 43.706, 305.813

Protanomaly
53, 42.803, 292.813

Deuteranomaly
53, 37.020, 291.193

Tritanomaly
53, 19.717, 305.368

Monochromacy



Original Color
53, 43.706, 305.813

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 16.031, 304.076

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 43.706, 305.813 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, 114, 188)` looks like.

```
.text, #text, p{  
    color:rgb(139, 114, 188)  
}
```

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, 114, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 114, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 43.706, 305.813 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, 114, 188) }
```

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

```
.border{ border-color:rgb(139, 114, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 114, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 114, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 114, 188);  
box-shadow:4px 4px 4px 4px rgb(139, 114,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 43.706, 305.813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 114, 188) }
```

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

```
.background{ background-color: rgb(139,  
114, 188) }
```

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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