

Converting Colors

CIELCh(53, 44.857, 306.002)

Have a look what the booklet for
CIELCh(53, 44.857, 306.002)
contains.

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Color

CIELCh(53, 44.913, 306.018)

Conversions

Conversions Part 1

Format	Color
Hex	8B71BD
RGB	139, 113, 189
RGB Percent	55%, 44%, 74%
CMY	0.4541, 0.5561, 0.2580
CMYK	0.26, 0.40, 0.00, 0.26
HSL	261°, 37%, 59%
HSV	261°, 40%, 74%
XYZ	25.8201, 21.0462, 50.9709
YIQ	129.4380, -8.9000, 29.1480

Conversions

Conversions Part 2

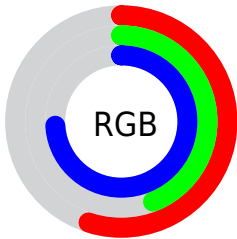
Format	Color
R_{YB}	139, 113, 189
Decimal	9138621
CIE _{Lab}	53.00, 26.41, -36.33
CIE _{LCh}	53, 44.913, 306.018
Yxy	21.0462, 0.2639, 0.2151
Android (android.graphics.Color)	4287328701 (0xFF8B71BD)
YUV	129.4380, 29.3641, 8.3859
Hunter-Lab	45.8761, 20.1804, -33.7612

Details

The CIELCh color $53, 44.913, 306.018$ is a dark color, and the websafe version is hex $9966CC$. A complement of this color would be $73, 41.508, 121.214$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 45.183, 306.023$, and $33, 44.507, 306.025$ is the 20% darker color. If you saturate the color by 10%, you get $47, 56.779, 306.823$, and if you desaturate by 10%, it is $59, 33.233, 305.257$.

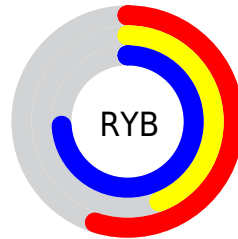
Distribution



Red (55%)

Green (44%)

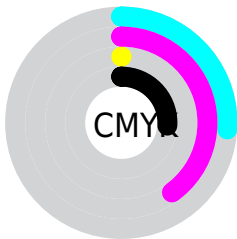
Blue (74%)



Red (55%)

Yellow (44%)

Blue (74%)

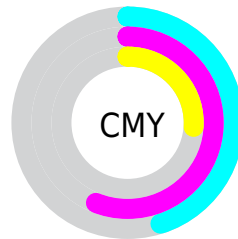


Cyan (26%)

Magenta (40%)

Yellow (0%)

Black (26%)



Cyan (45%)

Magenta (56%)

Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 44.913, 306.018 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, 44.913, 306.018 by changing the saturation by 10% instead.


 53, 44.913,
306.018

 53, 44.913,
306.018


 100, 44.913,
306.018

 43, 44.913,
306.018


 73, 44.913,
306.018


 33, 44.913,
306.018

 83, 44.913,
306.018

 23, 44.913,
306.018

 93, 44.913,
306.018

 13, 44.913,
306.018

 3, 44.913, 306.018

 0, 44.913, 306.018

53, 44.913,
306.018

53, 44.913,
306.018

47, 56.779,
306.823

59, 33.233,
305.257

42, 68.593,
307.630

65, 21.860,
304.560

37, 79.908,
308.361

71, 10.842,
303.933

32, 89.986,
308.897

77, 0.191, 303.068

29, 97.820,
309.077


82, 10.097,
122.910

26, 103.005,
308.901

88, 20.036,
122.486

94, 29.643,
122.121

97, 33.724,
118.124

 98, 33.136,
110.139

Harmonies

Complementary

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



53, 44.913, 306.018



73, 41.508, 121.214

Rectangle

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



53, 44.913, 306.018



53, 44.913, 356.018



53, 44.913, 126.018



53, 44.913, 176.018

Sweetspot

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



53, 44.912, 306.018



88, 15.816, 304.054



65, 21.019, 240.842



46, 10.509, 304.133



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, 44.912, 306.018



62, 66.857, 306.709



57, 48.160, 321.578



37, 6.018, 303.884



21, 90.033, 309.035



1, 17.727, 300.082

Inverse Universe

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



57, 39.650, 339.220



69, 57.716, 340.059



71, 47.524, 137.465



37, 5.558, 336.668



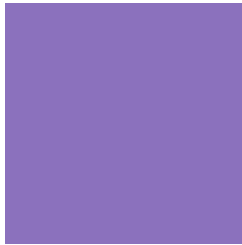
35, 63.101, 347.796



3, 15.529, 342.256

Previews

White Background



This preview shows how the CIELCh color 53, 44.913, 306.018 looks on a white background.

Color Contrast Check

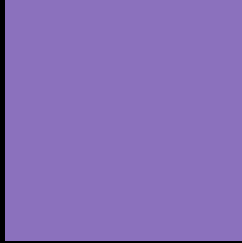
Large Text (above 18pt) WCAG AA ✓ Pass

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, 44.913, 306.018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

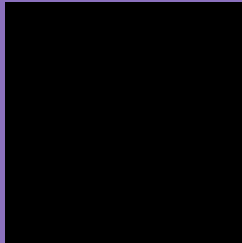
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 44.913, 306.018

Background



This preview shows how black text looks on a background with the CIELCh color 53, 44.913, 306.018.

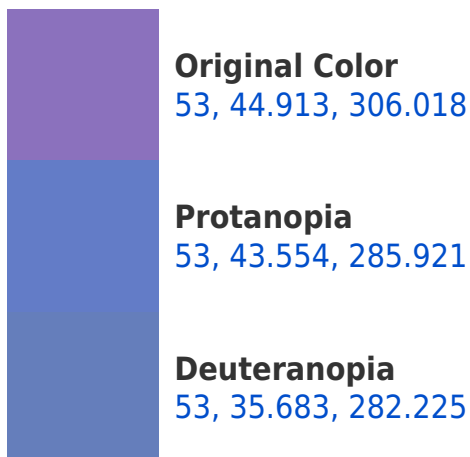


This preview shows how white text looks on a background with the CIELCh color 53, 44.913, 306.018.

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, 6.020, 305.848

Trichromacy



Original Color
53, 44.913, 306.018

Protanomaly
53, 43.370, 292.912

Deuteranomaly
53, 38.768, 292.038

Tritanomaly
53, 20.278, 305.029

Monochromacy



Original Color
53, 44.913, 306.018

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 16.594, 303.691

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 44.913, 306.018 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, 113, 189)` looks like.

```
.text, #text, p{  
    color:rgb(139, 113, 189)  
}
```

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, 113, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 113, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 44.913, 306.018 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, 113, 189) }
```

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

```
.border{ border-color:rgb(139, 113, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 113, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 113, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 113, 189);  
box-shadow:4px 4px 4px 4px rgb(139, 113,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 44.913, 306.018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 113, 189) }
```

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

```
.background{ background-color: rgb(139,  
113, 189) }
```

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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