

Converting Colors

CIELCh(53, 27.644, 295.449)

Have a look what the booklet for
CIELCh(53, 27.644, 295.449)
contains.

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Color

CIELCh(53, 27.265, 294.894)

Conversions

Conversions Part 1

Format	Color
Hex	7C7AA9
RGB	124, 122, 169
RGB Percent	49%, 48%, 66%
CMY	0.5140, 0.5218, 0.3375
CMYK	0.27, 0.28, 0.00, 0.34
HSL	243°, 21%, 57%
HSV	243°, 28%, 66%
XYZ	22.4101, 21.0462, 40.3846
YIQ	127.9560, -13.8950, 15.0410

Conversions

Conversions Part 2

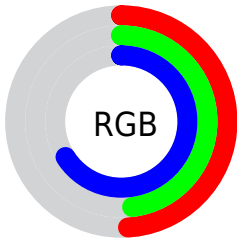
Format	Color
RYB	124, 122, 169
Decimal	8157865
CIELab	53.00, 11.48, -24.73
CIELCh	53, 27.265, 294.894
Yxy	21.0462, 0.2673, 0.2510
Android (android.graphics.Color)	4286347945 (0xFF7C7AA9)
YUV	127.9560, 20.2347, -3.4694
Hunter-Lab	45.8761, 6.9124, -20.0795

Details

The CIELCh color $53, 27.265, 294.894$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $68, 25.537, 109.386$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 27.248, 294.846$, and $33, 27.774, 295.512$ is the 20% darker color. If you saturate the color by 10%, you get $47, 37.844, 296.346$, and if you desaturate by 10%, it is $59, 17.110, 293.645$.

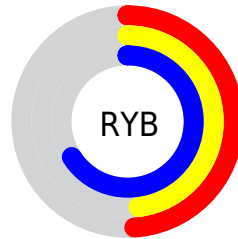
Distribution



Red (49%)

Green (48%)

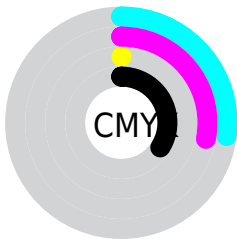
Blue (66%)



Red (49%)

Yellow (48%)

Blue (66%)

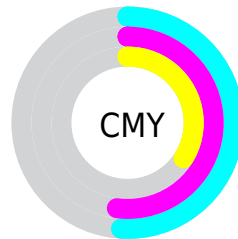


Cyan (27%)

Magenta (28%)

Yellow (0%)

Black (34%)



Cyan (51%)


Magenta (52%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 27.265, 294.894 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, 27.265, 294.894 by changing the saturation by 10% instead.


 53, 27.265,
294.894


 53, 27.265,
294.894


 100, 27.265,
294.894


 43, 27.265,
294.894


 73, 27.265,
294.894

 33, 27.265,
294.894

 83, 27.265,
294.894

 23, 27.265,
294.894

 93, 27.265,
294.894

 13, 27.265,
294.894

 3, 27.265, 294.894

 0, 27.265, 294.894

■ 53, 27.265,
294.894

■ 53, 27.265,
294.894

■ 47, 37.844,
296.346

■ 59, 17.110,
293.645

■ 41, 48.840,
298.009

■ 65, 7.363, 292.581

■ 70, 2.005, 111.644

■ 36, 60.160,
299.861

■ 76, 11.020,
110.885

■ 31, 71.519,
301.818

■ 82, 19.709,
110.222

■ 26, 82.245,
303.702

■ 88, 28.094,
109.653

■ 22, 91.110,
305.233

■ 93, 36.196,
109.162

■ 20, 96.938,
306.209

■ 98, 43.057,
107.752

■ 20, 98.076,

306.427

 98, 43.051,
106.889

Harmonies

Complementary

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



53, 27.265, 294.894



68, 25.537, 109.386

Rectangle

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



53, 27.265, 294.894



53, 27.265, 344.894



53, 27.265, 114.894



53, 27.265, 164.894

Sweetspot

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



53, 27.264, 294.894



82, 9.322, 292.613



66, 15.826, 201.265



42, 6.633, 292.758



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



53, 27.264, 294.894



64, 40.475, 295.706



55, 28.597, 311.495



33, 5.328, 292.726



16, 88.911, 306.451



1, 9.565, 291.618

Inverse Universe

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



57, 30.919, 327.120



70, 45.232, 327.433



66, 27.612, 128.977



33, 6.246, 326.084



34, 74.513, 329.966



2, 11.208, 326.073

Previews

White Background



This preview shows how the CIELCh color 53, 27.265, 294.894 looks on a white background.

Color Contrast Check

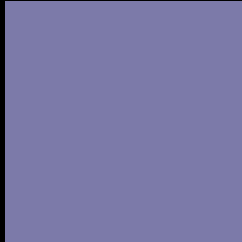
Large Text (above 18pt) WCAG AA ✓ Pass

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, 27.265, 294.894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

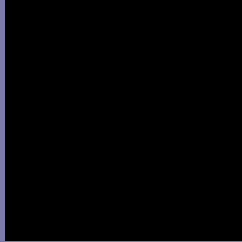
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 27.265, 294.894

Background



This preview shows how black text looks on a background with the CIELCh color 53, 27.265, 294.894.



This preview shows how white text looks on a background with the CIELCh color 53, 27.265, 294.894.

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

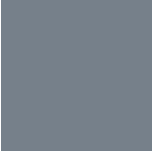
53, 27.265, 294.894

Protanopia

53, 26.771, 284.874

Deuteranopia

53, 24.965, 286.213



Tritanopia
53, 6.826, 257.356

Trichromacy



Original Color
53, 27.265, 294.894

Protanomaly
53, 26.660, 288.354

Deuteranomaly
53, 25.478, 289.445

Tritanomaly
53, 13.436, 282.452

Monochromacy



Original Color
53, 27.265, 294.894

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 9.849, 293.584

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 27.265, 294.894 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(124, 122, 169)` looks like.

```
.text, #text, p{  
    color:rgb(124, 122, 169)  
}
```

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(124, 122, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 122, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 27.265, 294.894 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(124, 122, 169) }
```

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

```
.border{ border-color:rgb(124, 122, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 122, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 122, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 122, 169);  
box-shadow:4px 4px 4px 4px rgb(124, 122,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 27.265, 294.894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 122, 169) }
```

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

```
.background{ background-color: rgb(124,  
122, 169) }
```

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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