

Converting Colors

CIELCh(53, 29.831, 297.192)

Have a look what the booklet for
CIELCh(53, 29.831, 297.192)
contains.

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Color

CIELCh(53, 29.649, 296.991)

Conversions

Conversions Part 1

Format	Color
Hex	7E79AC
RGB	126, 121, 172
RGB Percent	49%, 47%, 67%
CMY	0.5063, 0.5259, 0.3260
CMYK	0.27, 0.30, 0.00, 0.33
HSL	246°, 23%, 57%
HSV	246°, 30%, 67%
XYZ	22.8436, 21.0462, 41.8244
YIQ	128.3090, -13.3910, 16.9210

Conversions

Conversions Part 2

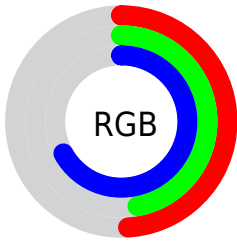
Format	Color
RYB	126, 121, 172
Decimal	8288684
CIELab	53.00, 13.46, -26.42
CIElCh	53, 29.649, 296.991
Yxy	21.0462, 0.2665, 0.2455
Android (android.graphics.Color)	4286478764 (0xFF7E79AC)
YUV	128.3090, 21.5397, -2.0250
Hunter-Lab	45.8761, 8.5993, -21.9403

Details

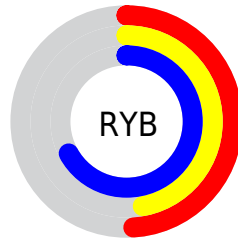
The CIELCh color $53, 29.649, 296.991$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $69, 27.657, 111.636$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 30.066, 297.399$, and $33, 29.020, 296.318$ is the 20% darker color. If you saturate the color by 10%, you get $47, 40.449, 298.314$, and if you desaturate by 10%, it is $59, 19.263, 295.842$.

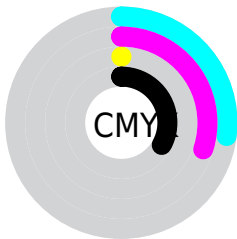
Distribution



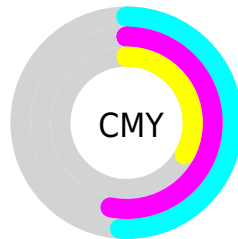
- Red (49%)
- Green (47%)
- Blue (67%)



- Red (49%)
- Yellow (47%)
- Blue (67%)



- Cyan (27%)
- Magenta (30%)
- Yellow (0%)
- Black (33%)





- Cyan (51%)
- Magenta (53%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 29.649, 296.991 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, 29.649, 296.991 by changing the saturation by 10% instead.


 53, 29.649,
296.991


 53, 29.649,
296.991


 100, 29.649,
296.991


 43, 29.649,
296.991


 73, 29.649,
296.991

 33, 29.649,
296.991

 83, 29.649,
296.991

 23, 29.649,
296.991

 93, 29.649,
296.991

 13, 29.649,
296.991

 3, 29.649, 296.991

 0, 29.649, 296.991

■ 53, 29.649,
296.991

■ 53, 29.649,
296.991

■ 47, 40.449,
298.314

■ 59, 19.263,
295.842

■ 41, 51.633,
299.810

■ 65, 9.286, 294.854

■ 36, 63.067,
301.446

■ 70, 0.305, 113.924

■ 76, 9.534, 113.274

■ 31, 74.400,
303.132

■ 82, 18.428,
112.652

■ 26, 84.884,
304.694

■ 88, 27.009,
112.118

■ 23, 93.264,
305.872

■ 93, 35.298,
111.659

■ 20, 98.835,
306.601

■ 98, 41.677,
109.720

■ 20, 99.013,

306.629

 98, 41.622,
107.000

Harmonies

Complementary

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



53, 29.649, 296.991



69, 27.657, 111.636

Rectangle

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



53, 29.649, 296.991



53, 29.649, 346.991



53, 29.649, 116.991



53, 29.649, 166.991

Sweetspot

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



53, 29.648, 296.991



83, 10.729, 294.808



66, 16.205, 206.521



43, 7.466, 294.937



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



53, 29.648, 296.991



63, 45.326, 297.896



55, 31.263, 313.229



34, 5.474, 294.821



17, 89.709, 306.674



1, 11.373, 293.320

Inverse Universe

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



57, 32.184, 328.908



70, 48.307, 329.311



67, 30.255, 130.597



34, 6.162, 327.714



35, 72.281, 332.486



2, 12.577, 328.511

Previews

White Background



This preview shows how the CIELCh color 53, 29.649, 296.991 looks on a white background.

Color Contrast Check

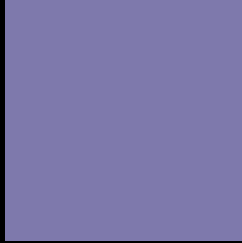
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.649, 296.991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

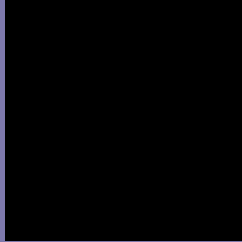
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 29.649, 296.991

Background



This preview shows how black text looks on a background with the CIELCh color 53, 29.649, 296.991.



This preview shows how white text looks on a background with the CIELCh color 53, 29.649, 296.991.

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, 29.649, 296.991

Protanopia

53, 29.069, 285.308

Deuteranopia

53, 26.735, 285.554



Tritanopia
53, 6.984, 265.328

Trichromacy



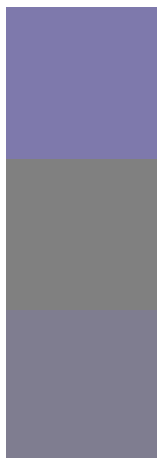
Original Color
53, 29.649, 296.991

Protanomaly
53, 28.945, 289.080

Deuteranomaly
53, 27.212, 289.230

Tritanomaly
53, 14.497, 287.637

Monochromacy



Original Color
53, 29.649, 296.991

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 11.043, 295.435

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 29.649, 296.991 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(126, 121, 172)` looks like.

```
.text, #text, p{  
    color:rgb(126, 121, 172)  
}
```

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(126, 121, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 121, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 29.649, 296.991 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(126, 121, 172) }
```

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

```
.border{ border-color:rgb(126, 121, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 121, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 121, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 121, 172);  
box-shadow:4px 4px 4px 4px rgb(126, 121,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 29.649, 296.991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 121, 172) }
```

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

```
.background{ background-color: rgb(126,  
121, 172) }
```

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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