

Converting Colors

CIELCh(51, 29.326, 297.124)

Have a look what the booklet for
CIELCh(51, 29.326, 297.124)
contains.

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Color

CIELCh(51, 29.284, 297.104)

Conversions

Conversions Part 1

Format	Color
Hex	7974A6
RGB	121, 116, 166
RGB Percent	47%, 45%, 65%
CMY	0.5260, 0.5455, 0.3495
CMYK	0.27, 0.30, 0.00, 0.35
HSL	246°, 22%, 55%
HSV	246°, 30%, 65%
XYZ	20.9716, 19.2686, 38.6300
YIQ	123.1950, -13.0700, 16.6100

Conversions

Conversions Part 2

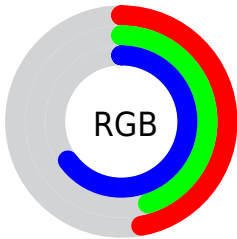
Format	Color
R _{YB}	121, 116, 166
Decimal	7959718
CIE Lab	51.00, 13.34, -26.07
CIE LCh	51, 29.284, 297.104
Yxy	19.2686, 0.2659, 0.2443
Android (android.graphics.Color)	4286149798 (0xFF7974A6)
YUV	123.1950, 21.1029, -1.9250
Hunter-Lab	43.8960, 8.4615, -21.4500

Details

The CIELCh color $51, 29.284, 297.104$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $67, 27.289, 111.689$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 29.112, 296.891$, and $31, 29.340, 297.202$ is the 20% darker color. If you saturate the color by 10%, you get $45, 39.790, 298.424$, and if you desaturate by 10%, it is $57, 19.177, 295.956$.

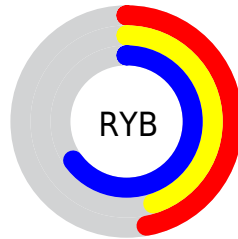
Distribution



Red (47%)

Green (45%)

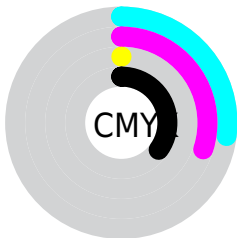
Blue (65%)



Red (47%)

Yellow (45%)

Blue (65%)

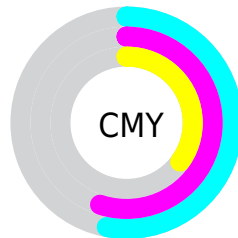


Cyan (27%)

Magenta (30%)

Yellow (0%)

Black (35%)



Cyan (53%)

Magenta (55%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 29.284, 297.104 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, 29.284, 297.104 by changing the saturation by 10% instead.

■ 51, 29.284,
297.104

■ 51, 29.284,
297.104

■ 100, 29.284,
297.104

■ 41, 29.284,
297.104

■ 71, 29.284,
297.104

■ 31, 29.284,
297.104

■ 81, 29.284,
297.104

■ 21, 29.284,
297.104

■ 91, 29.284,
297.104

■ 11, 29.284,
297.104

■ 1, 29.284, 297.104

■ 0, 29.284, 297.104

51, 29.284,
297.104

51, 29.284,
297.104

45, 39.790,
298.424

57, 19.177,
295.956

40, 50.665,
299.914

62, 9.468, 294.967

34, 61.773,
301.541

68, 0.134, 294.287

74, 8.850, 113.386

29, 72.766,
303.213

79, 17.506,
112.764

25, 82.909,
304.754

85, 25.859,
112.229

22, 90.981,
305.908

90, 33.928,
111.768

19, 96.417,
306.649

96, 41.733,
111.371

 98, 44.533,
106.775

Harmonies

Complementary

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



51, 29.284, 297.104



67, 27.289, 111.689

Rectangle

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



51, 29.284, 297.104



51, 29.284, 347.104



51, 29.284, 117.104



51, 29.284, 167.104

Sweetspot

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



51, 29.283, 297.104



80, 10.432, 294.880



64, 15.967, 206.521



42, 7.326, 295.008



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



51, 29.283, 297.104



61, 44.063, 297.947



53, 30.862, 313.248



33, 5.340, 294.891



17, 88.572, 306.691



1, 9.583, 293.559

Inverse Universe

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



55, 31.714, 328.992



68, 46.906, 329.370



65, 29.854, 130.578



33, 6.004, 327.772



34, 71.284, 332.573



2, 10.621, 328.398

Previews

White Background



This preview shows how the CIELCh color 51, 29.284, 297.104 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 51, 29.284, 297.104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

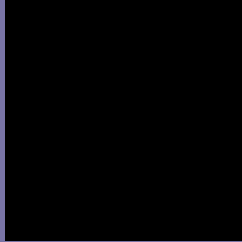
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 29.284, 297.104

Background



This preview shows how black text looks on a background with the CIELCh color 51, 29.284, 297.104.



This preview shows how white text looks on a background with the CIELCh color 51, 29.284, 297.104.

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, 29.284, 297.104

Protanopia

51, 28.701, 285.231

Deuteranopia

51, 26.350, 285.455



Tritanopia
51, 6.516, 263.030

Trichromacy



Original Color
51, 29.284, 297.104

Protanomaly
51, 28.574, 289.059

Deuteranomaly
51, 26.829, 289.199

Tritanomaly
51, 14.022, 287.450

Monochromacy



Original Color
51, 29.284, 297.104

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 11.124, 295.476

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 29.284, 297.104 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(121, 116, 166)` looks like.

```
.text, #text, p{  
    color:rgb(121, 116, 166)  
}
```

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(121, 116, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 116, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 29.284, 297.104 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(121, 116, 166) }
```

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

```
.border{ border-color:rgb(121, 116, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 116, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 116, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 116, 166);  
box-shadow:4px 4px 4px 4px rgb(121, 116,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 29.284, 297.104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 116, 166) }
```

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

```
.background{ background-color: rgb(121,  
116, 166) }
```

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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