

Converting Colors

CIELCh(51, 17.522, 293.566)

Have a look what the booklet for
CIELCh(51, 17.522, 293.566)
contains.

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Color

CIELCh(51, 17.522, 293.566)

Conversions

Conversions Part 1

Format	Color
Hex	787795
RGB	120, 119, 149
RGB Percent	47%, 47%, 58%
CMY	0.5304, 0.5343, 0.4167
CMYK	0.19, 0.20, 0.00, 0.42
HSL	242°, 12%, 52%
HSV	242°, 20%, 58%
XYZ	19.6796, 19.2686, 31.0041
YIQ	122.7190, -9.0340, 9.5420

Conversions

Conversions Part 2

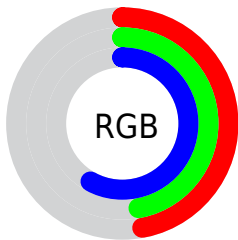
Format	Color
R_{YB}	120, 119, 149
Decimal	7894933
CIE Lab	51.00, 7.01, -16.06
CIE LCh	51, 17.522, 293.566
Yxy	19.2686, 0.2813, 0.2755
Android (android.graphics.Color)	4286085013 (0xFF787795)
YUV	122.7190, 12.9565, -2.3846
Hunter-Lab	43.8960, 3.2076, -11.1498

Details

The CIELCh color $51, 17.522, 293.566$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $61, 16.744, 109.690$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 17.525, 294.163$, and $31, 17.207, 293.225$ is the 20% darker color. If you saturate the color by 10%, you get $46, 26.751, 294.865$, and if you desaturate by 10%, it is $56, 8.660, 292.454$.

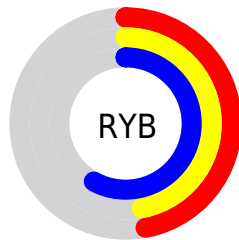
Distribution



Red (47%)

Green (47%)

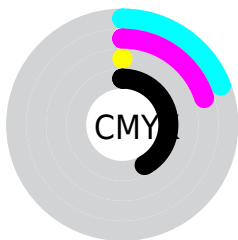
Blue (58%)



Red (47%)

Yellow (47%)

Blue (58%)

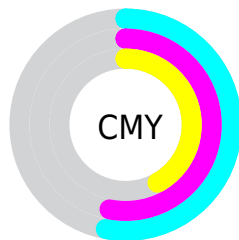


Cyan (19%)

Magenta (20%)

Yellow (0%)

Black (42%)



Cyan (53%)


Magenta (53%)

Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 17.522, 293.566 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, 17.522, 293.566 by changing the saturation by 10% instead.


 51, 17.522,
293.566


 51, 17.522,
293.566


 100, 17.522,
293.566


 41, 17.522,
293.566

 71, 17.522,
293.566

 31, 17.522,
293.566

 81, 17.522,
293.566

 21, 17.522,
293.566

 91, 17.522,
293.566

 11, 17.522,
293.566

 1, 17.522, 293.566

 0, 17.522, 293.566

51, 17.522,
293.566

51, 17.522,
293.566

46, 26.751,
294.865

56, 8.660, 292.454

40, 36.364,
296.373

62, 0.143, 291.790

67, 8.054, 110.683

35, 46.345,
298.095

72, 15.955,
109.991

30, 56.592,
299.998

77, 23.579,
109.396

26, 66.807,
301.985

82, 30.947,
108.883

22, 76.315,
303.863


87, 38.074,
108.439

19, 83.949,
305.344

92, 44.977,
108.054

16, 89.331,

306.414

 97, 51.669,
107.718

Harmonies

Complementary

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



51, 17.522, 293.566



61, 16.744, 109.690

Rectangle

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



51, 17.522, 293.566



51, 17.522, 343.566



51, 17.522, 113.566



51, 17.522, 163.566

Sweetspot

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



51, 17.521, 293.565



74, 6.298, 292.055



59, 10.801, 199.943



39, 4.170, 292.110



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



51, 17.521, 293.565



63, 26.107, 294.103



52, 18.449, 310.547



28, 4.783, 292.356



15, 84.436, 306.427



0, 4.116, 291.485

Inverse Universe

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



54, 20.332, 326.421



67, 30.038, 326.657



60, 17.980, 128.768



29, 5.646, 325.813



32, 71.256, 329.563



1, 4.911, 325.336

Previews

White Background



This preview shows how the CIELCh color 51, 17.522, 293.566 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 51, 17.522, 293.566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

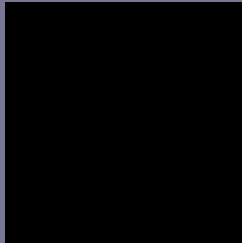
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 17.522, 293.566

Background



This preview shows how black text looks on a background with the CIELCh color 51, 17.522, 293.566.



This preview shows how white text looks on a background with the CIELCh color 51, 17.522, 293.566.

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, 17.522, 293.566

Protanopia

51, 17.544, 286.536

Deuteranopia

51, 17.513, 292.385



Tritanopia
51, 5.549, 270.574

Trichromacy



Original Color
51, 17.522, 293.566

Protanomaly
51, 17.501, 288.849

Deuteranomaly
51, 17.513, 292.385

Tritanomaly
51, 9.374, 284.431

Monochromacy



Original Color
51, 17.522, 293.566

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 6.414, 291.002

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 17.522, 293.566 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(120, 119, 149)` looks like.

```
.text, #text, p{  
    color:rgb(120, 119, 149)  
}
```

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(120, 119, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 119, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 17.522, 293.566 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(120, 119, 149) }
```

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

```
.border{ border-color:rgb(120, 119, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 119, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 119, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 119, 149);  
box-shadow:4px 4px 4px 4px rgb(120, 119,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 17.522, 293.566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 119, 149) }
```

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

```
.background{ background-color: rgb(120,  
119, 149) }
```

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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