

Converting Colors

CIELCh(51, 19.316, 316.588)

Have a look what the booklet for
CIELCh(51, 19.316, 316.588)
contains.

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Color

CIELCh(51, 19.316, 316.588)

Conversions

Conversions Part 1

Format	Color
Hex	877290
RGB	135, 114, 144
RGB Percent	53%, 45%, 56%
CMY	0.4698, 0.5521, 0.4345
CMYK	0.06, 0.21, 0.00, 0.43
HSL	282°, 12%, 51%
HSV	282°, 21%, 57%
XYZ	21.1156, 19.2686, 29.0761
YIQ	123.6990, 2.8860, 13.7820

Conversions

Conversions Part 2

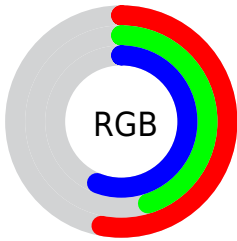
Format	Color
R_{YB}	135, 114, 144
Decimal	8876688
CIE _{Lab}	51.00, 14.03, -13.27
CIE _{LCh}	51, 19.316, 316.588
Yxy	19.2686, 0.3040, 0.2774
Android (android.graphics.Color)	4287066768 (0xFF877290)
YUV	123.6990, 10.0084, 9.9110
Hunter-Lab	43.8960, 9.0469, -8.5456

Details

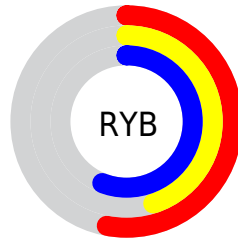
The CIELCh color $51, 19.316, 316.588$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $58, 19.023, 134.819$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 19.296, 316.007$, and $31, 19.471, 316.232$ is the 20% darker color. If you saturate the color by 10%, you get $47, 28.790, 317.015$, and if you desaturate by 10%, it is $55, 9.939, 316.159$.

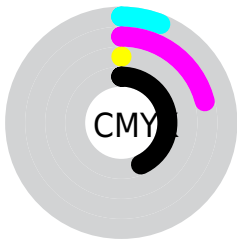
Distribution



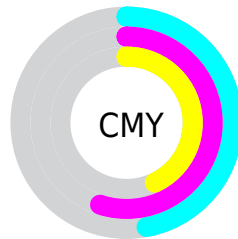
- Red (53%)
- Green (45%)
- Blue (56%)



- Red (53%)
- Yellow (45%)
- Blue (56%)



- Cyan (6%)
- Magenta (21%)
- Yellow (0%)
- Black (43%)





- Cyan (47%)
- Magenta (55%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 19.316, 316.588 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, 19.316, 316.588 by changing the saturation by 10% instead.


 51, 19.316,
316.588


 51, 19.316,
316.588


 100, 19.316,
316.588


 41, 19.316,
316.588


 71, 19.316,
316.588


 31, 19.316,
316.588


 81, 19.316,
316.588

 21, 19.316,
316.588

 91, 19.316,
316.588

 11, 19.316,
316.588

 1, 19.316, 316.588

 0, 19.316, 316.588

51, 19.316,
316.588

51, 19.316,
316.588

47, 28.790,
317.015

55, 9.939, 316.159

43, 38.240,
317.425

60, 0.740, 315.576

39, 47.466,
317.794

64, 8.239, 135.402

35, 56.182,
318.083

68, 16.976,
135.036

32, 64.001,
318.244

73, 25.466,
134.706

30, 70.466,
318.220

77, 33.708,
134.406


28, 75.143,
317.949

81, 41.710,
134.136

26, 78.236,

85, 49.482,
133.893

317.550

 90, 57.034,
133.675

Harmonies

Complementary

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



51, 19.316, 316.588



58, 19.023, 134.819

Rectangle

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



51, 19.316, 316.588



51, 19.316, 6.588



51, 19.316, 136.588



51, 19.316, 186.588

Sweetspot

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



51, 19.314, 316.588



73, 6.840, 315.956



52, 12.562, 276.533



38, 4.525, 315.981



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



51, 19.314, 316.588



63, 29.002, 316.790



52, 18.234, 331.796



28, 5.142, 316.089



24, 74.608, 317.605



0, 3.442, 315.732

Inverse Universe

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



51, 13.310, 358.010



64, 20.071, 358.581



57, 18.161, 149.114



28, 3.505, 356.741



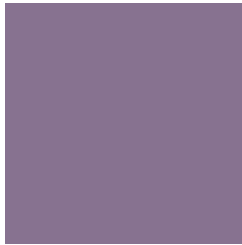
28, 54.271, 19.500



0, 2.326, 355.958

Previews

White Background



This preview shows how the CIELCh color 51, 19.316, 316.588 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, 19.316, 316.588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

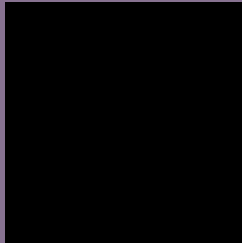
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 19.316, 316.588

Background



This preview shows how black text looks on a background with the CIELCh color 51, 19.316, 316.588.



This preview shows how white text looks on a background with the CIELCh color 51, 19.316, 316.588.

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, 19.316, 316.588

Protanopia

51, 16.389, 285.935

Deuteranopia

51, 14.117, 298.008



Tritanopia
51, 8.681, 338.316

Trichromacy



Original Color
51, 19.316, 316.588

Protanomaly
51, 17.037, 297.249

Deuteranomaly
51, 15.710, 305.895

Tritanomaly
51, 12.223, 326.679

Monochromacy



Original Color
51, 19.316, 316.588

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 7.172, 316.911

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 19.316, 316.588 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(135, 114, 144)` looks like.

```
.text, #text, p{  
    color:rgb(135, 114, 144)  
}
```

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(135, 114, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 114, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 19.316, 316.588 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(135, 114, 144) }
```

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

```
.border{ border-color:rgb(135, 114, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 114, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 114, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 114, 144);  
box-shadow:4px 4px 4px 4px rgb(135, 114,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 19.316, 316.588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 114, 144) }
```

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

```
.background{ background-color: rgb(135,  
114, 144) }
```

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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