

Converting Colors

CIELCh(51, 17.508, 316.518)

Have a look what the booklet for
CIELCh(51, 17.508, 316.518)
contains.

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Color

CIELCh(51, 17.417, 316.627)

Conversions

Conversions Part 1

Format	Color
Hex	86738E
RGB	134, 115, 142
RGB Percent	53%, 45%, 56%
CMY	0.4747, 0.5492, 0.4433
CMYK	0.06, 0.19, 0.00, 0.44
HSL	282°, 11%, 50%
HSV	282°, 19%, 56%
XYZ	20.8300, 19.2686, 28.1954
YIQ	123.7590, 2.6570, 12.4250

Conversions

Conversions Part 2

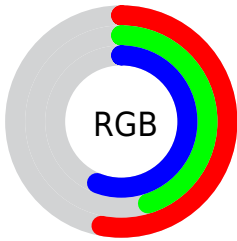
Format	Color
R_{YB}	134, 115, 142
Decimal	8811406
CIE _{Lab}	51.00, 12.66, -11.96
CIE _{LCh}	51, 17.417, 316.627
Yxy	19.2686, 0.3050, 0.2821
Android (android.graphics.Color)	4287001486 (0xFF86738E)
YUV	123.7590, 8.9928, 8.9814
Hunter-Lab	43.8960, 7.8856, -7.3561

Details

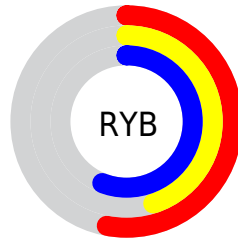
The CIELCh color $51, 17.417, 316.627$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $57, 17.177, 135.023$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 17.506, 316.015$, and $31, 17.424, 316.167$ is the 20% darker color. If you saturate the color by 10%, you get $47, 26.765, 317.054$, and if you desaturate by 10%, it is $55, 8.179, 316.199$.

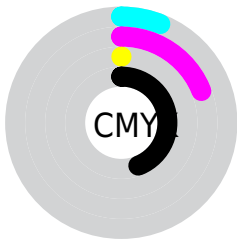
Distribution



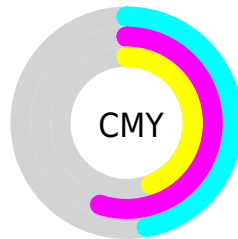
- Red (53%)
- Green (45%)
- Blue (56%)



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



- Cyan (6%)
- Magenta (19%)
- Yellow (0%)
- Black (44%)





- Cyan (47%)
- Magenta (55%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 17.417, 316.627 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, 17.417, 316.627 by changing the saturation by 10% instead.


 51, 17.417,
316.627


 51, 17.417,
316.627


 100, 17.417,
316.627


 41, 17.417,
316.627


 71, 17.417,
316.627

 31, 17.417,
316.627

 81, 17.417,
316.627

 21, 17.417,
316.627

 91, 17.417,
316.627

 11, 17.417,
316.627

 1, 17.417, 316.627

 0, 17.417, 316.627

■ 51, 17.417,
316.627

■ 51, 17.417,
316.627

■ 47, 26.765,
317.054

■ 55, 8.179, 316.199

■ 43, 36.114,
317.468

■ 59, 0.874, 135.975

■ 39, 45.280,
317.845

■ 64, 9.706, 135.449

■ 36, 53.998,
318.151

■ 68, 18.298,
135.091

■ 32, 61.904,
318.339

■ 72, 26.645,
134.765

■ 30, 68.559,
318.354

■ 77, 34.749,
134.470

■ 28, 73.521,
318.136

■ 81, 42.618,
134.204

■ 26, 76.948,

■ 85, 50.261,
133.964

317.715

 89, 57.688,
133.750

 26, 77.287,
317.678

Harmonies

Complementary

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



51, 17.417, 316.627



57, 17.177, 135.023

Rectangle

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



51, 17.417, 316.627



51, 17.417, 6.627



51, 17.417, 136.627



51, 17.417, 186.627

Sweetspot

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



51, 17.415, 316.627



71, 6.695, 316.072



52, 11.315, 276.252



37, 4.427, 316.096



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



51, 17.415, 316.627



63, 26.076, 316.818



52, 16.443, 331.679



28, 5.147, 316.206



24, 74.559, 317.720



0, 3.445, 315.848

Inverse Universe

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



51, 11.951, 358.058



63, 17.970, 358.582



56, 16.380, 149.258



28, 3.499, 356.997



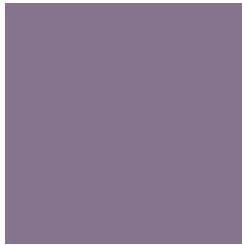
28, 54.356, 19.830



0, 2.321, 356.213

Previews

White Background



This preview shows how the CIELCh color 51, 17.417, 316.627 looks on a white background.

Color Contrast Check

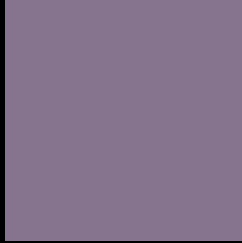
Large Text (above 18pt) WCAG AA ✓ Pass

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, 17.417, 316.627 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, 17.417, 316.627

Background



This preview shows how black text looks on a background with the CIELCh color 51, 17.417, 316.627.



This preview shows how white text looks on a background with the CIELCh color 51, 17.417, 316.627.

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, 17.417, 316.627

Protanopia

51, 15.205, 286.609

Deuteranopia

51, 13.012, 300.109



Tritanopia
51, 7.694, 337.399

Trichromacy



Original Color
51, 17.417, 316.627

Protanomaly
51, 15.919, 298.838

Deuteranomaly
51, 14.005, 307.542

Tritanomaly
51, 10.821, 326.801

Monochromacy



Original Color
51, 17.417, 316.627

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 6.468, 316.019

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 17.417, 316.627 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(134, 115, 142)` looks like.

```
.text, #text, p{  
    color:rgb(134, 115, 142)  
}
```

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(134, 115, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 115, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 17.417, 316.627 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(134, 115, 142) }
```

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

```
.border{ border-color:rgb(134, 115, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 115, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 115, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 115, 142);  
box-shadow:4px 4px 4px 4px rgb(134, 115,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 17.417, 316.627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 115, 142) }
```

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

```
.background{ background-color: rgb(134,  
115, 142) }
```

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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