

Converting Colors

CIELCh(51, 16.634, 330.195)

Have a look what the booklet for
CIELCh(51, 16.634, 330.195)
contains.

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Color

CIELCh(51, 16.396, 330.043)

Conversions

Conversions Part 1

Format	Color
Hex	8C7288
RGB	140, 114, 136
RGB Percent	55%, 45%, 53%
CMY	0.4524, 0.5543, 0.4681
CMYK	0.00, 0.19, 0.03, 0.45
HSL	309°, 10%, 50%
HSV	309°, 19%, 55%
XYZ	21.1519, 19.2686, 25.7648
YIQ	124.2820, 8.4340, 12.3540

Conversions

Conversions Part 2

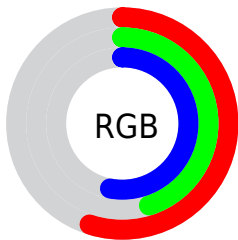
Format	Color
RYB	140, 114, 136
Decimal	9204360
CIELab	51.00, 14.21, -8.19
CIELCh	51, 16.396, 330.043
Yxy	19.2686, 0.3196, 0.2911
Android (android.graphics.Color)	4287394440 (0xFF8C7288)
YUV	124.2820, 5.7770, 13.7847
Hunter-Lab	43.8960, 9.1948, -4.0731

Details

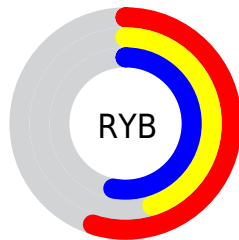
The CIELCh color $51, 16.396, 330.043$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $56, 16.351, 147.763$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 16.317, 330.655$, and $31, 16.242, 330.900$ is the 20% darker color. If you saturate the color by 10%, you get $47, 25.220, 330.655$, and if you desaturate by 10%, it is $55, 7.547, 329.434$.

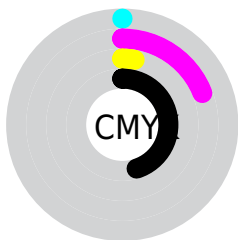
Distribution



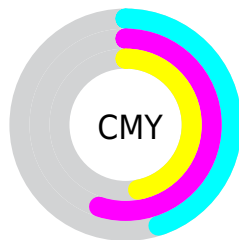
- Red (55%)
- Green (45%)
- Blue (53%)



- Red (55%)
- Yellow (45%)
- Blue (53%)



- Cyan (0%)
- Magenta (19%)
- Yellow (3%)
- Black (45%)





- Cyan (45%)
- Magenta (55%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 16.396, 330.043 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, 16.396, 330.043 by changing the saturation by 10% instead.


 51, 16.396,
330.043


 51, 16.396,
330.043


 100, 16.396,
330.043


 41, 16.396,
330.043


 71, 16.396,
330.043

 31, 16.396,
330.043

 81, 16.396,
330.043

 21, 16.396,
330.043

 91, 16.396,
330.043

 11, 16.396,
330.043

 1, 16.396, 330.043

 0, 16.396, 330.043

■ 51, 16.396,
330.043

■ 51, 16.396,
330.043

■ 47, 25.220,
330.655

■ 55, 7.547, 329.434

■ 59, 1.203, 149.078

■ 44, 33.847,
331.273

■ 63, 9.779, 148.358

■ 41, 42.030,
331.896

■ 67, 18.138,
147.816

■ 38, 49.458,
332.522

■ 71, 26.258,
147.305

■ 36, 55.772,
333.154

■ 75, 34.134,
146.822

■ 34, 60.623,
333.798


■ 79, 41.769,
146.366


■ 32, 63.759,
334.473

■ 83, 49.170,
145.935

■ 32, 65.428,

335.185

 87, 56.349,
145.529

 31, 65.646,
335.283

Harmonies

Complementary

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



51, 16.396, 330.043



56, 16.351, 147.763

Rectangle

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



51, 16.396, 330.043



51, 16.396, 20.043



51, 16.396, 150.043



51, 16.396, 200.043

Sweetspot

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



51, 16.394, 330.044



71, 6.492, 329.278



49, 15.384, 297.567



37, 4.342, 329.313



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, 16.394, 330.044



63, 23.980, 330.279



51, 11.830, 354.343



27, 4.893, 329.467



30, 63.264, 335.244



0, 2.257, 328.963

Inverse Universe

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



51, 16.394, 330.044



63, 23.980, 330.279



56, 11.330, 170.920



27, 4.893, 329.467



30, 63.264, 335.244



0, 2.257, 328.963

Previews

White Background



This preview shows how the CIELCh color 51, 16.396, 330.043 looks on a white background.

Color Contrast Check

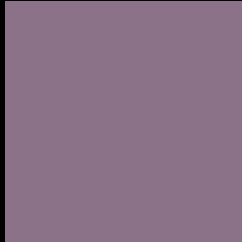
Large Text (above 18pt) WCAG AA ✓ Pass

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, 16.396, 330.043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

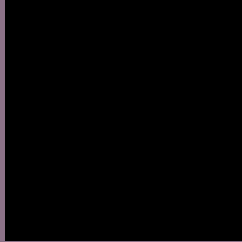
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 16.396, 330.043

Background



This preview shows how black text looks on a background with the CIELCh color 51, 16.396, 330.043.



This preview shows how white text looks on a background with the CIELCh color 51, 16.396, 330.043.

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, 16.396, 330.043

Protanopia

51, 11.108, 285.796

Deuteranopia

51, 10.566, 310.617



Tritanopia
51, 10.329, 350.269

Trichromacy



Original Color
51, 16.396, 330.043

Protanomaly
51, 12.122, 306.224

Deuteranomaly
51, 12.777, 320.665

Tritanomaly
51, 12.602, 340.722

Monochromacy



Original Color
51, 16.396, 330.043

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 6.152, 330.950

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 16.396, 330.043 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(140, 114, 136)` looks like.

```
.text, #text, p{  
    color:rgb(140, 114, 136)  
}
```

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(140, 114, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 114, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 16.396, 330.043 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(140, 114, 136) }
```

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

```
.border{ border-color:rgb(140, 114, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 114, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 114, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 114, 136);  
box-shadow:4px 4px 4px 4px rgb(140, 114,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 16.396, 330.043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 114, 136) }
```

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

```
.background{ background-color: rgb(140,  
114, 136) }
```

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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