

Converting Colors

CIELCh(51, 28.323, 314.626)

Have a look what the booklet for
CIELCh(51, 28.323, 314.626)
contains.

CIELCh(51, 28.267, 314.446)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(51, 28.267, 314.446)

Conversions

Conversions Part 1

Format	Color
Hex	8B6F9C
RGB	139, 111, 156
RGB Percent	55%, 44%, 61%
CMY	0.4548, 0.5646, 0.3881
CMYK	0.11, 0.29, 0.00, 0.39
HSL	277°, 19%, 52%
HSV	277°, 29%, 61%
XYZ	22.3440, 19.2686, 34.0082
YIQ	124.5020, 2.2430, 19.9310

Conversions

Conversions Part 2

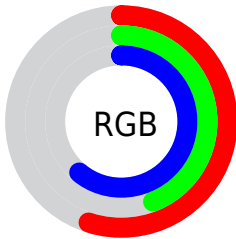
Format	Color
R_{YB}	139, 111, 156
Decimal	9138076
CIE _{Lab}	51.00, 19.79, -20.18
CIE _{LCh}	51, 28.267, 314.446
Yxy	19.2686, 0.2955, 0.2548
Android (android.graphics.Color)	4287328156 (0xFF8B6F9C)
YUV	124.5020, 15.5285, 12.7147
Hunter-Lab	43.8960, 14.0420, -15.2074

Details

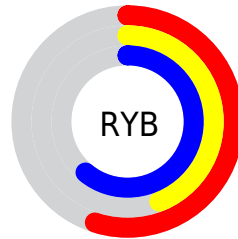
The CIELCh color $51, 28.267, 314.446$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $61, 27.485, 131.936$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 28.383, 314.286$, and $31, 28.385, 314.009$ is the 20% darker color. If you saturate the color by 10%, you get $47, 38.305, 314.889$, and if you desaturate by 10%, it is $56, 18.291, 314.000$.

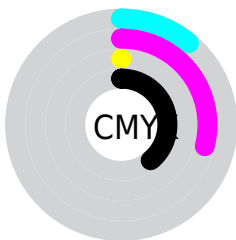
Distribution



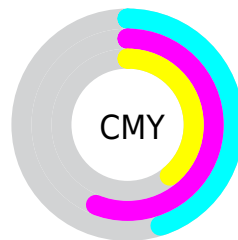
- Red (55%)
- Green (44%)
- Blue (61%)



- Red (55%)
- Yellow (44%)
- Blue (61%)



- Cyan (11%)
- Magenta (29%)
- Yellow (0%)
- Black (39%)





- Cyan (45%)
- Magenta (56%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 28.267, 314.446 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, 28.267, 314.446 by changing the saturation by 10% instead.

 51, 28.267,
314.446


 51, 28.267,
314.446


 100, 28.267,
314.446


 41, 28.267,
314.446


 71, 28.267,
314.446

 31, 28.267,
314.446

 81, 28.267,
314.446

 21, 28.267,
314.446

 91, 28.267,
314.446

 11, 28.267,
314.446

 1, 28.267, 314.446

 0, 28.267, 314.446

51, 28.267,
314.446

51, 28.267,
314.446

47, 38.305,
314.889

56, 18.291,
314.000

42, 48.240,
315.304

60, 8.487, 313.564

38, 57.801,
315.654

65, 1.091, 133.296

34, 66.599,
315.885

70, 10.413,
132.816

31, 74.128,
315.928

74, 19.468,
132.470

29, 79.839,
315.702

79, 28.256,
132.161


27, 83.715,
315.218

84, 36.785,
131.885

27, 84.158,

88, 45.062,
131.639

315.167

 93, 53.101,
131.423

Harmonies

Complementary

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



51, 28.267, 314.446



61, 27.485, 131.936

Rectangle

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



51, 28.267, 314.446



51, 28.267, 4.446



51, 28.267, 134.446



51, 28.267, 184.446

Sweetspot

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



51, 28.265, 314.446



77, 10.754, 313.578



53, 16.928, 271.310



40, 7.467, 313.637



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



51, 28.265, 314.446



62, 42.876, 314.751



53, 28.555, 329.445



31, 5.490, 313.582



24, 78.832, 315.248



1, 7.053, 312.152

Inverse Universe

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



52, 20.630, 353.730



63, 31.309, 354.629



60, 28.512, 145.761



31, 3.981, 351.576



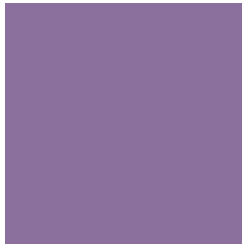
30, 55.174, 12.598



1, 5.071, 352.045

Previews

White Background



This preview shows how the CIELCh color 51, 28.267, 314.446 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, 28.267, 314.446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

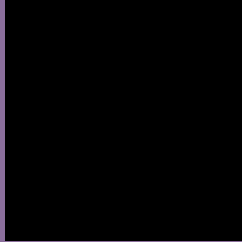
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 28.267, 314.446

Background



This preview shows how black text looks on a background with the CIELCh color 51, 28.267, 314.446.



This preview shows how white text looks on a background with the CIELCh color 51, 28.267, 314.446.

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, 28.267, 314.446

Protanopia

51, 25.173, 285.624

Deuteranopia

51, 20.427, 289.775



Tritanopia
51, 8.628, 343.073

Trichromacy



Original Color
51, 28.267, 314.446

Protanomaly
51, 25.179, 296.466

Deuteranomaly
51, 23.036, 300.134

Tritanomaly
51, 15.259, 324.015

Monochromacy



Original Color
51, 28.267, 314.446

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 10.134, 313.776

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 28.267, 314.446 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(139, 111, 156)` looks like.

```
.text, #text, p{  
    color:rgb(139, 111, 156)  
}
```

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(139, 111, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 111, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 28.267, 314.446 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(139, 111, 156) }
```

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

```
.border{ border-color:rgb(139, 111, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 111, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 111, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 111, 156);  
box-shadow:4px 4px 4px 4px rgb(139, 111,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 28.267, 314.446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 111, 156) }
```

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

```
.background{ background-color: rgb(139,  
111, 156) }
```

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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