

Converting Colors

CIELCh(50, 23.311, 323.804)

Have a look what the booklet for
CIELCh(50, 23.311, 323.804)
contains.

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Color

CIELCh(50, 23.171, 323.171)

Conversions

Conversions Part 1

Format	Color
Hex	8C6D8F
RGB	140, 109, 143
RGB Percent	55%, 43%, 56%
CMY	0.4519, 0.5734, 0.4402
CMYK	0.02, 0.24, 0.00, 0.44
HSL	295°, 14%, 49%
HSV	295°, 24%, 56%
XYZ	21.1584, 18.4187, 28.3311
YIQ	122.1450, 7.5620, 17.1460

Conversions

Conversions Part 2

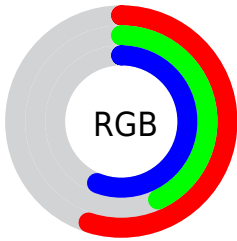
Format	Color
R_{YB}	140, 109, 143
Decimal	9203087
CIE _{Lab}	50.00, 18.55, -13.89
CIE _{LCh}	50, 23.171, 323.171
Yxy	18.4187, 0.3116, 0.2712
Android (android.graphics.Color)	4287393167 (0xFF8C6D8F)
YUV	122.1450, 10.2815, 15.6588
Hunter-Lab	42.9170, 12.8973, -9.0977

Details

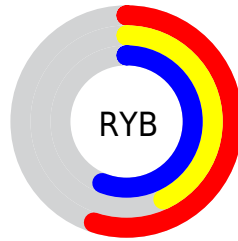
The CIELCh color $50, 23.171, 323.171$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $56, 23.065, 140.702$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 23.123, 323.071$, and $30, 23.328, 322.498$ is the 20% darker color. If you saturate the color by 10%, you get $46, 32.878, 323.636$, and if you desaturate by 10%, it is $54, 13.384, 322.688$.

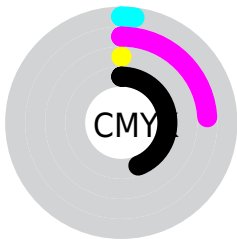
Distribution



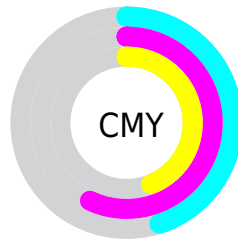
- Red (55%)
- Green (43%)
- Blue (56%)



- Red (55%)
- Yellow (43%)
- Blue (56%)



- Cyan (2%)
- Magenta (24%)
- Yellow (0%)
- Black (44%)





- Cyan (45%)
- Magenta (57%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 23.171, 323.171 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 50, 23.171, 323.171 by changing the saturation by 10% instead.


 50, 23.171,
323.171


 50, 23.171,
323.171


 100, 23.171,
323.171


 40, 23.171,
323.171


 70, 23.171,
323.171

 30, 23.171,
323.171


 80, 23.171,
323.171


 20, 23.171,
323.171

 90, 23.171,
323.171

 10, 23.171,
323.171

 0, 23.171, 323.171

 50, 23.171,
323.171

 50, 23.171,
323.171

46, 32.878,
323.636

54, 13.384,
322.688

43, 42.301,
324.067

58, 3.667, 322.173

40, 51.159,
324.446

62, 5.887, 141.786

37, 59.102,
324.746

66, 15.222,
141.314

35, 65.748,
324.943

70, 24.305,
140.877

33, 70.754,
325.014

74, 33.123,
140.468

32, 73.928,
324.943

78, 41.675,
140.085

31, 75.443,
324.868

82, 49.964,
139.728

87, 58.000,
139.398

Harmonies

Complementary

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



50, 23.171, 323.171



56, 23.065, 140.702

Rectangle

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



50, 23.171, 323.171



50, 23.171, 13.171



50, 23.171, 143.171



50, 23.171, 193.171

Sweetspot

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



50, 23.169, 323.171



72, 8.390, 322.356



48, 18.060, 288.673



38, 5.496, 322.382



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



50, 23.169, 323.171



62, 35.055, 323.444



50, 18.030, 340.465



28, 5.458, 322.459



29, 72.496, 324.885



1, 3.663, 322.040

Inverse Universe

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



49, 14.417, 14.252



61, 22.195, 14.969



56, 17.726, 156.721



28, 3.263, 12.750



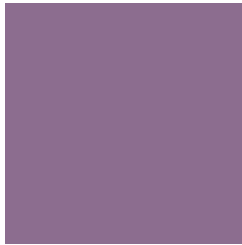
27, 61.379, 35.157



0, 2.142, 12.101

Previews

White Background



This preview shows how the CIELCh color 50, 23.171, 323.171 looks on a white background.

Color Contrast Check

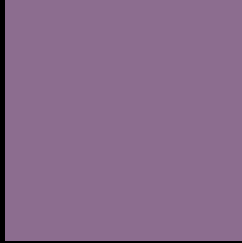
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 50, 23.171, 323.171 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 50, 23.171, 323.171

Background



This preview shows how black text looks on a background with the CIELCh color 50, 23.171, 323.171.



This preview shows how white text looks on a background with the CIELCh color 50, 23.171, 323.171.

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

50, 23.171, 323.171

Protanopia

50, 18.204, 285.757

Deuteranopia

50, 14.761, 297.849



Tritanopia
50, 10.853, 355.337

Trichromacy



Original Color
50, 23.171, 323.171

Protanomaly
50, 18.983, 300.304

Deuteranomaly
50, 17.887, 309.407

Tritanomaly
50, 15.057, 337.026

Monochromacy



Original Color
50, 23.171, 323.171

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 8.785, 320.596

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 23.171, 323.171 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, 109, 143)` looks like.

```
.text, #text, p{  
    color:rgb(140, 109, 143)  
}
```

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, 109, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 109, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 23.171, 323.171 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, 109, 143) }
```

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

```
.border{ border-color:rgb(140, 109, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 109, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 109, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 109, 143);  
box-shadow:4px 4px 4px 4px rgb(140, 109,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 23.171, 323.171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 109, 143) }
```

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

```
.background{ background-color: rgb(140,  
109, 143) }
```

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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