

Converting Colors

CIELCh(51, 23.476, 351.413)

Have a look what the booklet for
CIELCh(51, 23.476, 351.413)
contains.

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Color

CIELCh(51, 23.446, 351.389)

Conversions

Conversions Part 1

Format	Color
Hex	9D6B80
RGB	157, 107, 128
RGB Percent	62%, 42%, 50%
CMY	0.3840, 0.5801, 0.4977
CMYK	0.00, 0.32, 0.18, 0.38
HSL	335°, 20%, 52%
HSV	335°, 32%, 62%
XYZ	23.0880, 19.2686, 22.9517
YIQ	124.3440, 23.0590, 17.1310

Conversions

Conversions Part 2

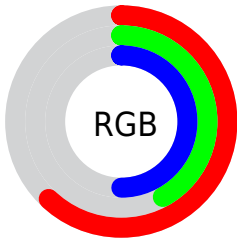
Format	Color
R_{YB}	157, 107, 128
Decimal	10316672
CIE _{Lab}	51.00, 23.18, -3.51
CIE _{LCh}	51, 23.446, 351.389
Yxy	19.2686, 0.3535, 0.2950
Android (android.graphics.Color)	4288506752 (0xFF9D6B80)
YUV	124.3440, 1.8024, 28.6393
Hunter-Lab	43.8960, 17.0678, -0.2734

Details

The CIELCh color $51, 23.446, 351.389$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $61, 22.160, 165.168$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 23.330, 350.949$, and $31, 23.409, 351.812$ is the 20% darker color. If you saturate the color by 10%, you get $47, 30.879, 352.730$, and if you desaturate by 10%, it is $55, 15.942, 350.235$.

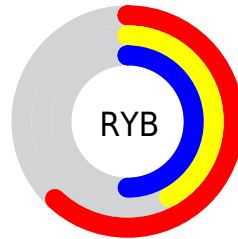
Distribution



Red (62%)

Green (42%)

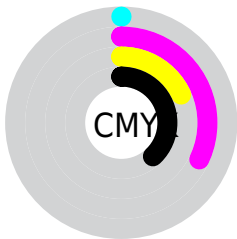
Blue (50%)



Red (62%)

Yellow (42%)

Blue (50%)

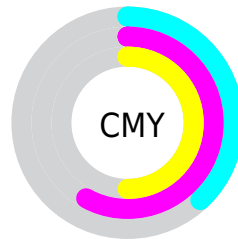


Cyan (0%)

Magenta (32%)

Yellow (18%)

Black (38%)



Cyan (38%)


Magenta (58%)


Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 23.446, 351.389 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, 23.446, 351.389 by changing the saturation by 10% instead.


 51, 23.446,
351.389


 51, 23.446,
351.389


 100, 23.446,
351.389


 41, 23.446,
351.389


 71, 23.446,
351.389

 31, 23.446,
351.389

 81, 23.446,
351.389

 21, 23.446,
351.389

 91, 23.446,
351.389

 11, 23.446,
351.389

 1, 23.446, 351.389

 0, 23.446, 351.389

51, 23.446,
351.389

51, 23.446,
351.389

47, 30.879,
352.730

55, 15.942,
350.235

43, 38.013,
354.320

60, 8.531, 349.210

64, 1.304, 348.080

40, 44.537,
356.252

68, 5.687, 167.619

37, 50.091,
358.652

73, 12.422,
166.855

35, 54.351, 1.678

78, 18.896,
166.178

34, 57.166, 5.493

82, 25.120,
165.560

33, 58.843, 9.038

87, 31.107,
164.991

■ 91, 36.874,
164.465

Harmonies

Complementary

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



51, 23.446, 351.389



61, 22.160, 165.168

Rectangle

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



51, 23.446, 351.389



51, 23.446, 41.389



51, 23.446, 171.389



51, 23.446, 221.389

Sweetspot

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



51, 23.444, 351.391



77, 8.900, 349.049



50, 31.133, 312.778



39, 6.069, 349.176



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, 23.444, 351.391



62, 34.709, 352.292



51, 20.306, 27.144



31, 4.083, 348.957



30, 54.860, 8.585



1, 5.199, 349.516

Inverse Universe

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



51, 23.444, 351.391



62, 34.709, 352.292



60, 16.279, 204.673



31, 4.083, 348.957



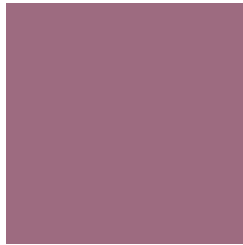
30, 54.860, 8.585



1, 5.199, 349.516

Previews

White Background



This preview shows how the CIELCh color 51, 23.446, 351.389 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 51, 23.446, 351.389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

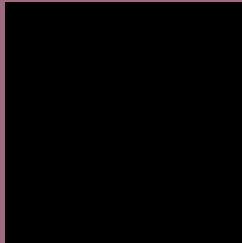
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 23.446, 351.389

Background



This preview shows how black text looks on a background with the CIELCh color 51, 23.446, 351.389.



This preview shows how white text looks on a background with the CIELCh color 51, 23.446, 351.389.

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, 23.446, 351.389

Protanopia

51, 9.327, 289.037

Deuteranopia

51, 7.317, 340.754



Tritanopia
51, 20.136, 8.772

Trichromacy



Original Color
51, 23.446, 351.389

Protanomaly
51, 12.481, 323.596

Deuteranomaly
51, 13.245, 346.293

Tritanomaly
51, 21.102, 1.375

Monochromacy



Original Color
51, 23.446, 351.389

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 8.342, 351.257

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 23.446, 351.389 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(157, 107, 128)` looks like.

```
.text, #text, p{  
    color:rgb(157, 107, 128)  
}
```

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(157, 107, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 107, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 23.446, 351.389 is called "border". The border property can be set on classes, ids or directly on the HTML element.

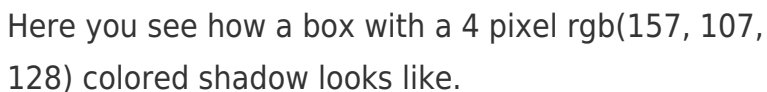
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 107, 128) }
```

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

```
.border{ border-color:rgb(157, 107, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 107, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 107, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 107, 128); box-shadow:4px 4px 4px 4px rgb(157, 107, 128) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 23.446, 351.389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 107, 128) }
```

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

```
.background{ background-color: rgb(157,  
107, 128) }
```

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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