

Converting Colors

CIELCh(51, 22.712, 353.609)

Have a look what the booklet for
CIELCh(51, 22.712, 353.609)
contains.

CIELCh(51, 22.981, 353.969)	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, 22.981, 353.969)

Conversions

Conversions Part 1

Format	Color
Hex	9D6B7E
RGB	157, 107, 126
RGB Percent	62%, 42%, 49%
CMY	0.3833, 0.5795, 0.5050
CMYK	0.00, 0.32, 0.20, 0.38
HSL	337°, 20%, 52%
HSV	337°, 32%, 62%
XYZ	23.0153, 19.2686, 22.3235
YIQ	124.1160, 23.7010, 16.5090

Conversions

Conversions Part 2

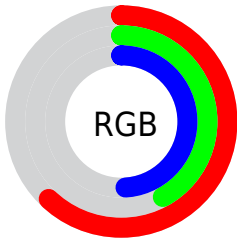
Format	Color
R _Y B	157, 107, 126
Decimal	10316670
CIE Lab	51.00, 22.85, -2.41
CIE LCh	51, 22.981, 353.969
Yxy	19.2686, 0.3562, 0.2982
Android (android.graphics.Color)	4288506750 (0xFF9D6B7E)
YUV	124.1160, 0.9288, 28.8393
Hunter-Lab	43.8960, 16.7720, 0.5750

Details

The CIELCh color $51, 22.981, 353.969$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $61, 21.488, 167.596$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 22.870, 353.359$, and $31, 22.944, 354.659$ is the 20% darker color. If you saturate the color by 10%, you get $47, 30.339, 355.383$, and if you desaturate by 10%, it is $55, 15.590, 352.763$.

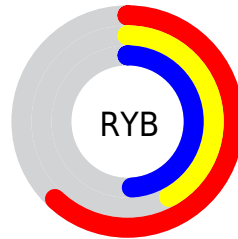
Distribution



Red (62%)

Green (42%)

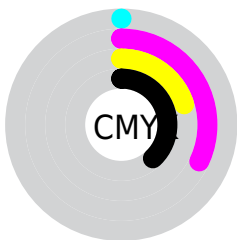
Blue (49%)



Red (62%)

Yellow (42%)

Blue (49%)

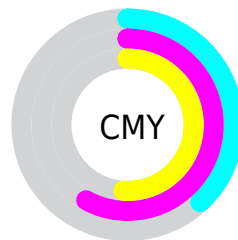


Cyan (0%)

Magenta (32%)

Yellow (20%)

Black (38%)



Cyan (38%)


Magenta (58%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 22.981, 353.969 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, 22.981, 353.969 by changing the saturation by 10% instead.


 51, 22.981,
353.969


 51, 22.981,
353.969


 100, 22.981,
353.969


 41, 22.981,
353.969


 71, 22.981,
353.969

 31, 22.981,
353.969

 81, 22.981,
353.969

 21, 22.981,
353.969

 91, 22.981,
353.969

 11, 22.981,
353.969

 1, 22.981, 353.969

 0, 22.981, 353.969

■ 51, 22.981,
353.969

■ 51, 22.981,
353.969

■ 47, 30.339,
355.383

■ 55, 15.590,
352.763

■ 43, 37.446,
357.073

■ 60, 8.319, 351.700

■ 64, 1.254, 350.526

■ 40, 44.002,
359.143

■ 69, 5.559, 170.072

■ 37, 49.661, 1.727

■ 73, 12.105,
169.293

■ 35, 54.114, 4.992

■ 78, 18.384,


■ 34, 57.233, 9.095

168.608

■ 33, 59.242, 12.885

■ 82, 24.408,
167.985

■ 87, 30.192,
167.414

 92, 35.755,
166.887

Harmonies

Complementary

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



51, 22.981, 353.969



61, 21.488, 167.596

Rectangle

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



51, 22.981, 353.969



51, 22.981, 43.969



51, 22.981, 173.969



51, 22.981, 223.969

Sweetspot

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



51, 22.979, 353.971



77, 8.689, 351.537



50, 31.409, 314.400



39, 5.926, 351.668



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, 22.979, 353.971



62, 34.070, 354.923



52, 19.484, 31.383



31, 3.986, 351.442



30, 55.151, 12.399



1, 5.078, 351.915

Inverse Universe

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



51, 22.979, 353.971



62, 34.070, 354.923



60, 15.592, 210.386



31, 3.986, 351.442



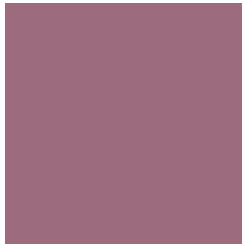
30, 55.151, 12.399



1, 5.078, 351.915

Previews

White Background



This preview shows how the CIELCh color 51, 22.981, 353.969 looks on a white background.

Color Contrast Check

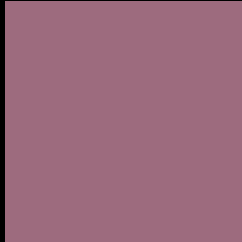
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.981, 353.969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

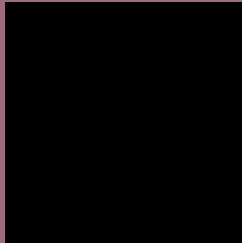
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 22.981, 353.969

Background



This preview shows how black text looks on a background with the CIELCh color 51, 22.981, 353.969.



This preview shows how white text looks on a background with the CIELCh color 51, 22.981, 353.969.

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, 22.981, 353.969

Protanopia

51, 8.164, 288.542

Deuteranopia

51, 6.656, 348.554



Tritanopia
51, 20.136, 8.772

Trichromacy



Original Color
51, 22.981, 353.969

Protanomaly
51, 11.763, 328.349

Deuteranomaly
51, 12.668, 350.707

Tritanomaly
51, 20.966, 2.891

Monochromacy



Original Color
51, 22.981, 353.969

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, 22.981, 353.969 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, 126)` looks like.

```
.text, #text, p{  
    color:rgb(157, 107, 126)  
}
```

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, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 107, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 22.981, 353.969 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, 126) }
```

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

```
.border{ border-color:rgb(157, 107, 126) }
```

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, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 107, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 107, 126);  
box-shadow:4px 4px 4px 4px rgb(157, 107,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 22.981, 353.969 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, 126) }
```

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

```
.background{ background-color: rgb(157,  
107, 126) }
```

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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