

Converting Colors

CIELCh(51, 11.315, 338.851)

Have a look what the booklet for
CIELCh(51, 11.315, 338.851)
contains.

CIELCh(51, 11.315, 338.851)	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, 11.315, 338.851)

Conversions

Conversions Part 1

Format	Color
Hex	897481
RGB	137, 116, 129
RGB Percent	54%, 45%, 51%
CMY	0.4642, 0.5465, 0.4956
CMYK	0.00, 0.15, 0.06, 0.46
HSL	323°, 8%, 49%
HSV	323°, 15%, 54%
XYZ	20.3962, 19.2686, 23.2841
YIQ	123.7610, 8.3430, 8.4950

Conversions

Conversions Part 2

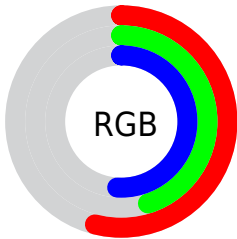
Format	Color
R_{YB}	137, 116, 129
Decimal	9008257
CIE _{Lab}	51.00, 10.55, -4.08
CIE _{LCh}	51, 11.315, 338.851
Yxy	19.2686, 0.3240, 0.3061
Android (android.graphics.Color)	4287198337 (0xFF897481)
YUV	123.7610, 2.5828, 11.6106
Hunter-Lab	43.8960, 6.1215, -0.7224

Details

The CIELCh color $51, 11.315, 338.851$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $55, 11.196, 156.621$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 11.268, 337.790$, and $31, 11.229, 338.699$ is the 20% darker color. If you saturate the color by 10%, you get $47, 18.777, 339.668$, and if you desaturate by 10%, it is $55, 3.915, 338.063$.

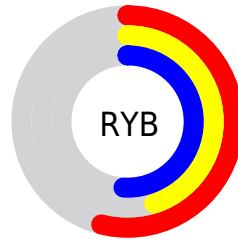
Distribution



Red (54%)

Green (45%)

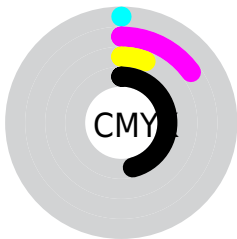
Blue (51%)



Red (54%)

Yellow (45%)

Blue (51%)

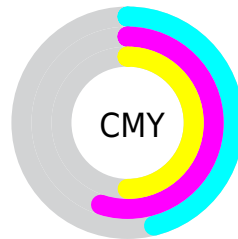


Cyan (0%)

Magenta (15%)

Yellow (6%)

Black (46%)



Cyan (46%)


Magenta (55%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 11.315, 338.851 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, 11.315, 338.851 by changing the saturation by 10% instead.


 51, 11.315,
338.851


 51, 11.315,
338.851


 100, 11.315,
338.851


 41, 11.315,
338.851


 71, 11.315,
338.851

 31, 11.315,
338.851


 81, 11.315,
338.851

 21, 11.315,
338.851

 91, 11.315,
338.851

 11, 11.315,
338.851

 1, 11.315, 338.851

 0, 11.315, 338.851

■ 51, 11.315,
338.851

■ 51, 11.315,
338.851

■ 47, 18.777,
339.668

■ 55, 3.915, 338.063

■ 44, 26.180,
340.553

■ 59, 3.339, 157.524

■ 40, 33.332,
341.529

■ 63, 10.403,
156.823

■ 37, 39.975,
342.628

■ 67, 17.256,
156.210

■ 35, 45.784,
343.895

■ 71, 23.893,
155.641

■ 32, 50.408,
345.393

■ 75, 30.316,
155.109


■ 31, 53.543,
347.210


■ 79, 36.535,
154.610

■ 30, 55.116,

■ 83, 42.561,
154.143

349.430

 87, 48.408,
153.703

 29, 55.700,
350.504

Harmonies

Complementary

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



51, 11.315, 338.851



55, 11.196, 156.621

Rectangle

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



51, 11.315, 338.851



51, 11.315, 28.851



51, 11.315, 158.851



51, 11.315, 208.851

Sweetspot

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



51, 11.313, 338.853



70, 4.542, 338.042



50, 12.693, 305.094



36, 3.088, 338.093



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



51, 11.313, 338.853



64, 16.526, 339.095



51, 8.794, 9.790



27, 4.162, 338.368



28, 54.535, 350.417



0, 1.916, 337.751

Inverse Universe

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



51, 11.313, 338.853



64, 16.526, 339.095



55, 8.190, 187.284



27, 4.162, 338.368



28, 54.535, 350.417



0, 1.916, 337.751

Previews

White Background



This preview shows how the CIE LCh color 51, 11.315, 338.851 looks on a white background.

Color Contrast Check

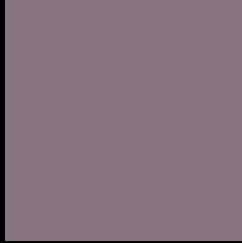
Large Text (above 18pt) WCAG AA ✓ Pass

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, 11.315, 338.851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

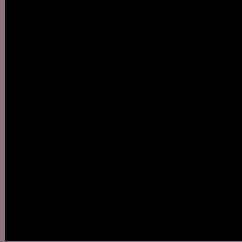
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 11.315, 338.851

Background



This preview shows how black text looks on a background with the CIELCh color 51, 11.315, 338.851.



This preview shows how white text looks on a background with the CIELCh color 51, 11.315, 338.851.

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, 11.315, 338.851

Protanopia

51, 6.414, 291.002

Deuteranopia

51, 7.566, 329.899



Tritanopia
51, 9.636, 347.678

Trichromacy



Original Color
51, 11.315, 338.851

Protanomaly
51, 7.708, 315.018

Deuteranomaly
51, 8.797, 333.671

Tritanomaly
51, 9.948, 344.836

Monochromacy



Original Color
51, 11.315, 338.851

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 4.349, 337.863

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 11.315, 338.851 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(137, 116, 129)` looks like.

```
.text, #text, p{  
    color:rgb(137, 116, 129)  
}
```

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(137, 116, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 116, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 11.315, 338.851 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(137, 116, 129) }
```

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

```
.border{ border-color:rgb(137, 116, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 116, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 116, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 116, 129);  
box-shadow:4px 4px 4px 4px rgb(137, 116,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 11.315, 338.851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 116, 129) }
```

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

```
.background{ background-color: rgb(137,  
116, 129) }
```

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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