

Converting Colors

CIELCh(51, 5.754, 359.355)

Have a look what the booklet for
CIELCh(51, 5.754, 359.355) contains.

CIELCh(51, 5.771, 356.277)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(51, 5.771, 356.277)

Conversions

Conversions Part 1

Format	Color
Hex	83767A
RGB	131, 118, 122
RGB Percent	51%, 46%, 48%
CMY	0.4853, 0.5363, 0.5206
CMYK	0.00, 0.10, 0.07, 0.49
HSL	342°, 5%, 49%
HSV	342°, 10%, 51%
XYZ	19.4318, 19.2686, 21.1851
YIQ	122.3430, 6.4640, 4.0000

Conversions

Conversions Part 2

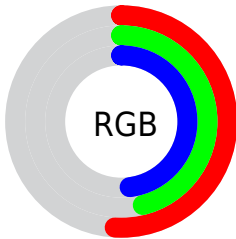
Format	Color
R_{YB}	131, 118, 122
Decimal	8615546
CIE _{Lab}	51.00, 5.76, -0.37
CIE _{LCh}	51, 5.771, 356.277
Yxy	19.2686, 0.3245, 0.3218
Android (android.graphics.Color)	4286805626 (0xFF83767A)
YUV	122.3430, -0.1691, 7.5922
Hunter-Lab	43.8960, 2.2001, 2.1127

Details

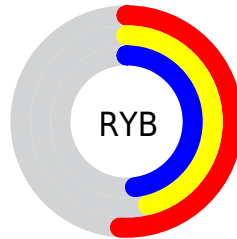
The CIELCh color $51, 5.771, 356.277$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $54, 5.617, 174.621$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 5.752, 357.589$, and $31, 5.679, 0.779$ is the 20% darker color. If you saturate the color by 10%, you get $47, 11.808, 357.359$, and if you desaturate by 10%, it is $55, 0.049, 182.521$.

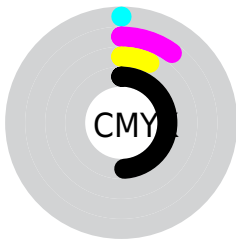
Distribution



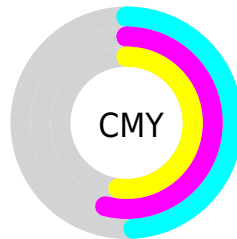
- Red (51%)
- Green (46%)
- Blue (48%)



- Red (51%)
- Yellow (46%)
- Blue (48%)



- Cyan (0%)
- Magenta (10%)
- Yellow (7%)
- Black (49%)



- Cyan (49%)
- Magenta (54%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 5.771, 356.277 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, 5.771, 356.277 by changing the saturation by 10% instead.

■ 51, 5.771, 356.277

■ 51, 5.771, 356.277

■ 100, 5.771,
356.277

■ 41, 5.771, 356.277

■ 71, 5.771, 356.277

■ 31, 5.771, 356.277

■ 81, 5.771, 356.277

■ 21, 5.771, 356.277

■ 91, 5.771, 356.277

■ 11, 5.771, 356.277

■ 1, 5.771, 356.277

■ 0, 5.771, 356.277

■ 51, 5.771, 356.277

■ 51, 5.771, 356.277

■ 47, 11.808,
357.359

■ 55, 0.049, 182.521

■ 59, 5.625, 174.686

44, 18.013,
358.579

63, 10.954,
173.931

40, 24.288, 0.014

67, 16.046,
173.265

37, 30.480, 1.740

71, 20.914,
172.662

34, 36.373, 3.860

31, 41.707, 6.507

75, 25.575,
172.112

29, 46.231, 9.835

79, 30.047,
171.606

28, 49.805, 13.983

27, 52.894, 18.602

83, 34.348,
171.139

87, 38.494,
170.706

Harmonies

Complementary

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



51, 5.771, 356.277



54, 5.617, 174.621

Rectangle

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



51, 5.771, 356.277



51, 5.771, 46.277



51, 5.771, 176.277



51, 5.771, 226.277

Sweetspot

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



51, 5.769, 356.285



68, 2.140, 355.512



51, 8.391, 315.585



36, 1.637, 355.617



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



51, 5.769, 356.285



64, 8.708, 356.531



52, 4.562, 37.372



26, 3.307, 356.205



26, 52.564, 18.587



0, 0.778, 355.435

Inverse Universe

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



51, 5.769, 356.285



64, 8.708, 356.531



53, 4.295, 217.851



26, 3.307, 356.205



26, 52.564, 18.587



0, 0.778, 355.435

Previews

White Background



This preview shows how the CIELCh color 51, 5.771, 356.277 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, 5.771, 356.277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

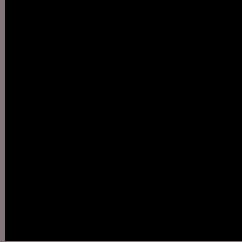
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 5.771, 356.277

Background



This preview shows how black text looks on a background with the CIELCh color 51, 5.771, 356.277.



This preview shows how white text looks on a background with the CIELCh color 51, 5.771, 356.277.

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, 5.771, 356.277

Protanopia

51, 1.935, 314.702

Deuteranopia

51, 6.530, 359.305



Tritanopia
51, 7.694, 337.399

Trichromacy



Original Color

51, 5.771, 356.277

Protanomaly

51, 2.992, 343.928

Deuteranomaly

51, 6.148, 357.880

Tritanomaly

51, 6.970, 344.465

Monochromacy



Original Color

51, 5.771, 356.277

Achromatopsia

52, 0.007, 296.813

Achromatomaly

51, 2.333, 349.616

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 5.771, 356.277 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(131, 118, 122)` looks like.

```
.text, #text, p{  
    color:rgb(131, 118, 122)  
}
```

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(131, 118, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 118, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 5.771, 356.277 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(131, 118, 122) }
```

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

```
.border{ border-color:rgb(131, 118, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 118, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 118, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 118, 122); box-shadow:4px 4px 4px 4px rgb(131, 118, 122) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 5.771, 356.277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 118, 122) }
```

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

```
.background{ background-color: rgb(131,  
118, 122) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor