

Converting Colors

CIELCh(51, 4.956, 336.686)

Have a look what the booklet for
CIELCh(51, 4.956, 336.686) contains.

CIELCh(51, 5.044, 336.088)	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, 5.044, 336.088)

Conversions

Conversions Part 1

Format	Color
Hex	80777D
RGB	128, 119, 125
RGB Percent	50%, 47%, 49%
CMY	0.4980, 0.5333, 0.5097
CMYK	0.00, 0.07, 0.02, 0.50
HSL	320°, 4%, 48%
HSV	320°, 7%, 50%
XYZ	19.2056, 19.2686, 22.1140
YIQ	122.3750, 3.4380, 3.7740

Conversions

Conversions Part 2

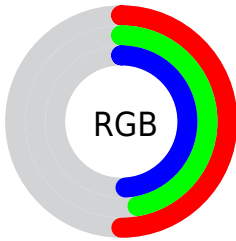
Format	Color
R_{YB}	128, 119, 125
Decimal	8419197
CIE _{Lab}	51.00, 4.61, -2.04
CIE _{LCh}	51, 5.044, 336.088
Yxy	19.2686, 0.3170, 0.3180
Android (android.graphics.Color)	4286609277 (0xFF80777D)
YUV	122.3750, 1.2941, 4.9331
Hunter-Lab	43.8960, 1.2800, 0.8580

Details

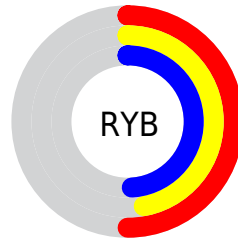
The CIELCh color **51, 5.044, 336.088** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **53, 5.016, 155.238**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 5.382, 334.597**, and **31, 4.747, 338.121** is the 20% darker color. If you saturate the color by 10%, you get **47, 12.305, 336.829**, and if you desaturate by 10%, it is **55, 2.101, 155.598**.

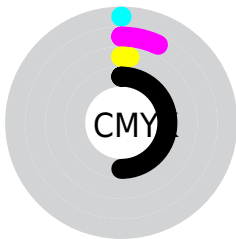
Distribution



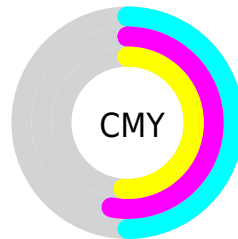
- Red (50%)
- Green (47%)
- Blue (49%)



- Red (50%)
- Yellow (47%)
- Blue (49%)



- Cyan (0%)
- Magenta (7%)
- Yellow (2%)
- Black (50%)



- Cyan (50%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 5.044, 336.088 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, 5.044, 336.088 by changing the saturation by 10% instead.

■ 51, 5.044, 336.088

■ 51, 5.044, 336.088

■ 100, 5.044,
336.088

■ 41, 5.044, 336.088

■ 71, 5.044, 336.088

■ 31, 5.044, 336.088

■ 81, 5.044, 336.088

■ 21, 5.044, 336.088

■ 91, 5.044, 336.088

■ 11, 5.044, 336.088

■ 1, 5.044, 336.088

■ 0, 5.044, 336.088

■ 51, 5.044, 336.088

■ 51, 5.044, 336.088

■ 47, 12.305,
336.829

■ 55, 2.101, 155.598

■ 58, 9.075, 154.882

44, 19.603,
337.594

62, 15.854,
154.285

41, 26.802,
338.416

66, 22.427,
153.729

37, 33.711,
339.309

70, 28.796,
153.207

35, 40.072,
340.298

74, 34.966,
152.718

32, 45.571,
341.417

78, 40.948,
152.257

30, 49.876,
342.716

81, 46.754,
151.824

29, 52.714,
344.265

85, 52.395,
151.415

28, 54.180,
346.091

Harmonies

Complementary

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



51, 5.044, 336.088



53, 5.016, 155.238

Rectangle

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



51, 5.044, 336.088



51, 5.044, 26.088



51, 5.044, 156.088



51, 5.044, 206.088

Sweetspot

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



51, 5.042, 336.091



67, 1.768, 335.634



51, 5.407, 303.412



35, 1.013, 335.611



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



51, 5.042, 336.091



64, 7.096, 336.178



51, 3.757, 6.331



25, 4.037, 336.245



27, 54.432, 346.628



0, 0.000, 0.000

Inverse Universe

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



51, 5.042, 336.091



64, 7.096, 336.178



53, 3.648, 185.350



25, 4.037, 336.245



27, 54.432, 346.628



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 51, 5.044, 336.088 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, 5.044, 336.088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

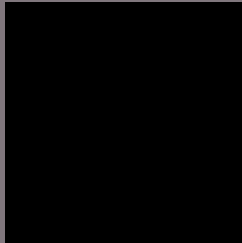
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 5.044, 336.088

Background



This preview shows how black text looks on a background with the CIELCh color 51, 5.044, 336.088.



This preview shows how white text looks on a background with the CIELCh color 51, 5.044, 336.088.

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

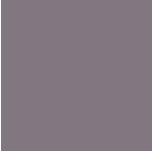
51, 5.044, 336.088

Protanopia

51, 2.951, 298.251

Deuteranopia

51, 6.647, 342.362



Tritanopia
51, 6.378, 324.782

Trichromacy



Original Color

51, 5.044, 336.088

Protanomaly

51, 3.864, 314.825

Deuteranomaly

51, 6.333, 340.058

Tritanomaly

51, 5.909, 327.968

Monochromacy



Original Color

51, 5.044, 336.088

Achromatopsia

51, 0.007, 296.813

Achromatomaly

51, 1.687, 335.681

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 5.044, 336.088 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(128, 119, 125)` looks like.

```
.text, #text, p{  
    color:rgb(128, 119, 125)  
}
```

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(128, 119, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 119, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 5.044, 336.088 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(128, 119, 125) }
```

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

```
.border{ border-color:rgb(128, 119, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 119, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 119, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 119, 125);  
box-shadow:4px 4px 4px 4px rgb(128, 119,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 5.044, 336.088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 119, 125) }
```

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

```
.background{ background-color: rgb(128,  
119, 125) }
```

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