

Converting Colors

CIELCh(51, 5.065, 85.525)

Have a look what the booklet for
CIELCh(51, 5.065, 85.525) contains.

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Color

CIELCh(51, 5.073, 85.516)

Conversions

Conversions Part 1

Format	Color
Hex	7E7971
RGB	126, 121, 113
RGB Percent	49%, 47%, 44%
CMY	0.5063, 0.5259, 0.5572
CMYK	0.00, 0.04, 0.10, 0.51
HSL	37°, 5%, 47%
HSV	37°, 10%, 49%
XYZ	18.3898, 19.2686, 18.3435
YIQ	121.5830, 5.5480, -1.4280

Conversions

Conversions Part 2

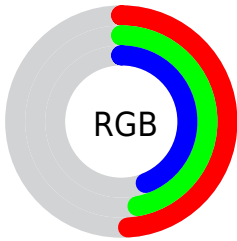
Format	Color
R_{YB}	121, 126, 113
Decimal	8288625
CIE _{Lab}	51.00, 0.40, 5.06
CIE _{LCh}	51, 5.073, 85.516
Yxy	19.2686, 0.3284, 0.3441
Android (android.graphics.Color)	4286478705 (0xFF7E7971)
YUV	121.5830, -4.2314, 3.8737
Hunter-Lab	43.8960, -2.0373, 5.9508

Details

The CIELCh color $51, 5.073, 85.516$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $49, 5.041, 268.182$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 4.909, 81.706$, and $31, 5.385, 89.347$ is the 20% darker color. If you saturate the color by 10%, you get $49, 10.129, 84.302$, and if you desaturate by 10%, it is $53, 0.152, 85.478$.

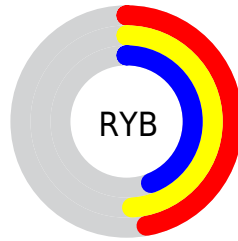
Distribution



Red (49%)

Green (47%)

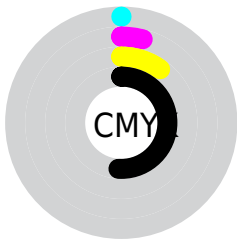
Blue (44%)



Red (47%)

Yellow (49%)

Blue (44%)

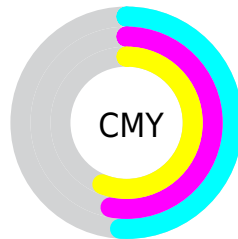


Cyan (0%)

Magenta (4%)

Yellow (10%)

Black (51%)



Cyan (51%)

Magenta (53%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 5.073, 85.516 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, 5.073, 85.516 by changing the saturation by 10% instead.

■ 51, 5.073, 85.516 ■ 51, 5.073, 85.516

■ 100, 5.073, 85.516 ■ 41, 5.073, 85.516

■ 71, 5.073, 85.516 ■ 31, 5.073, 85.516

■ 81, 5.073, 85.516 ■ 21, 5.073, 85.516

■ 91, 5.073, 85.516 ■ 11, 5.073, 85.516

■ 1, 5.073, 85.516

■ 0, 5.073, 85.516

■ 51, 5.073, 85.516 ■ 51, 5.073, 85.516

■ 49, 10.129, 84.302 ■ 53, 0.152, 85.478

■ 48, 15.318, 83.021 ■ 54, 4.643, 267.994

46, 20.627, 81.703

56, 9.320, 269.094

45, 26.023, 80.347

58, 13.887,
270.162

43, 31.428, 78.942

60, 18.356,
271.184

42, 36.693, 77.457

40, 41.546, 75.823

62, 22.736,
272.158

39, 45.549, 73.907

63, 27.034,
273.085

37, 48.935, 71.988

65, 31.258,
273.964

67, 35.415,
274.798

Harmonies

Complementary

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



51, 5.073, 85.516



49, 5.041, 268.182

Rectangle

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



51, 5.073, 85.516



51, 5.073, 135.516



51, 5.073, 265.516



51, 5.073, 315.516

Sweetspot

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



51, 5.074, 85.533



66, 1.800, 86.322



49, 6.122, 350.266



34, 1.360, 86.260



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



51, 5.074, 85.533



65, 7.312, 85.298



52, 7.523, 113.306



26, 2.793, 85.677



38, 49.383, 71.944



0, 0.000, 0.000

Inverse Universe

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



49, 5.041, 268.182



62, 7.248, 268.450



48, 7.696, 294.964



25, 2.779, 268.021



23, 51.964, 292.182



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 51, 5.073, 85.516 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, 5.073, 85.516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

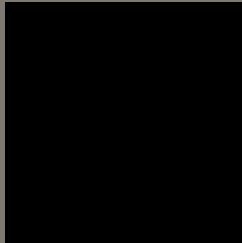
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

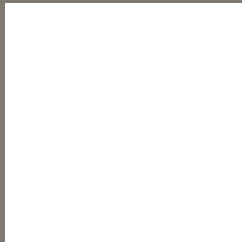
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 51, 5.073, 85.516

Background



This preview shows how black text looks on a background with the CIELCh color 51, 5.073, 85.516.



This preview shows how white text looks on a background with the CIELCh color 51, 5.073, 85.516.

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

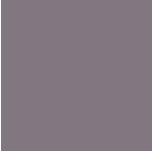
51, 5.073, 85.516

Protanopia

51, 5.073, 85.516

Deuteranopia

51, 8.125, 32.550



Tritanopia
51, 6.378, 324.782

Trichromacy



Original Color
51, 5.073, 85.516

Protanomaly
51, 5.073, 85.516

Deuteranomaly
51, 6.264, 41.657

Tritanomaly
51, 3.327, 348.057

Monochromacy



Original Color
51, 5.073, 85.516

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 1.912, 84.827

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 5.073, 85.516 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(126, 121, 113)` looks like.

```
.text, #text, p{  
    color:rgb(126, 121, 113)  
}
```

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(126, 121, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 121, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 5.073, 85.516 is called "border". The border property can be set on classes, ids or directly on the HTML element.

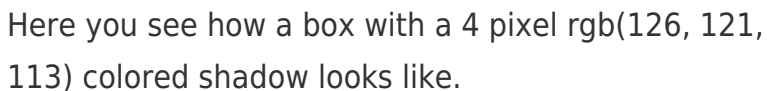
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(126, 121, 113) }
```

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

```
.border{ border-color:rgb(126, 121, 113) }
```

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



Here you see how a box with a 4 pixel `rgb(126, 121, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 121, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 121, 113); box-shadow:4px 4px 4px 4px rgb(126, 121, 113) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 5.073, 85.516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 121, 113) }
```

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

```
.background{ background-color: rgb(126,  
121, 113) }
```

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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