

Converting Colors

CIELCh(51, 5.661, 5.472)

Have a look what the booklet for
CIELCh(51, 5.661, 5.472) contains.

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Color

CIELCh(51, 5.964, 3.075)

Conversions

Conversions Part 1

Format	Color
Hex	847679
RGB	132, 118, 121
RGB Percent	52%, 46%, 47%
CMY	0.4821, 0.5369, 0.5252
CMYK	0.00, 0.11, 0.08, 0.48
HSL	347°, 6%, 49%
HSV	347°, 11%, 52%
XYZ	19.4708, 19.2686, 20.8064
YIQ	122.5280, 7.3810, 3.9010

Conversions

Conversions Part 2

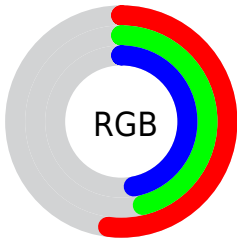
Format	Color
R_{YB}	132, 118, 121
Decimal	8681081
CIE Lab	51.00, 5.96, 0.32
CIE LCh	51, 5.964, 3.075
Yxy	19.2686, 0.3270, 0.3236
Android (android.graphics.Color)	4286871161 (0xFF847679)
YUV	122.5280, -0.7533, 8.3069
Hunter-Lab	43.8960, 2.3584, 2.6242

Details

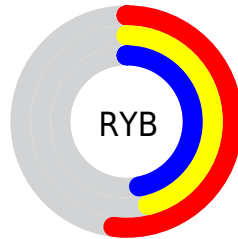
The CIELCh color $51, 5.964, 3.075$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $54, 5.736, 181.323$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 5.942, 3.915$, and $31, 5.679, 0.779$ is the 20% darker color. If you saturate the color by 10%, you get $47, 11.866, 4.183$, and if you desaturate by 10%, it is $55, 0.331, 1.106$.

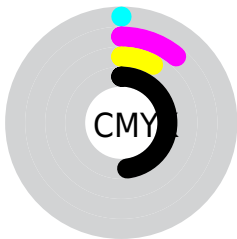
Distribution



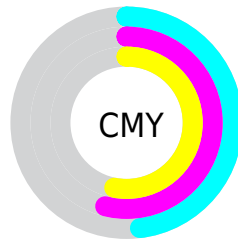
- Red (52%)
- Green (46%)
- Blue (47%)



- Red (52%)
- Yellow (46%)
- Blue (47%)



- Cyan (0%)
- Magenta (11%)
- Yellow (8%)
- Black (48%)



- Cyan (48%)
- Magenta (54%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 5.964, 3.075 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, 5.964, 3.075 by changing the saturation by 10% instead.

■ 51, 5.964, 3.075

■ 51, 5.964, 3.075

■ 100, 5.964, 3.075

■ 41, 5.964, 3.075

■ 71, 5.964, 3.075

■ 31, 5.964, 3.075

■ 81, 5.964, 3.075

■ 21, 5.964, 3.075

■ 91, 5.964, 3.075

■ 11, 5.964, 3.075

■ 1, 5.964, 3.075

■ 0, 5.964, 3.075

■ 51, 5.964, 3.075

■ 51, 5.964, 3.075

■ 47, 11.866, 4.183

■ 55, 0.331, 1.106

■ 43, 18.003, 5.458

■ 59, 5.017, 181.508

40, 24.292, 6.988

63, 10.087,
180.767

37, 30.599, 8.863

67, 14.896,
180.129

34, 36.731, 11.197

31, 42.454, 14.128

71, 19.463,
179.559

29, 47.553, 17.791

75, 23.811,
179.045

28, 51.916, 22.253

27, 55.747, 26.657

79, 27.961,
178.577

83, 31.932,
178.148

87, 35.745,
177.753

Harmonies

Complementary

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



51, 5.964, 3.075



54, 5.736, 181.323

Rectangle

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



51, 5.964, 3.075



51, 5.964, 53.075



51, 5.964, 183.075



51, 5.964, 233.075

Sweetspot

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



51, 5.963, 3.085



68, 2.046, 2.225



51, 9.272, 318.739



36, 1.566, 2.334



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, 5.963, 3.085



64, 9.085, 3.368



52, 4.708, 48.831



26, 3.172, 2.931



26, 55.089, 26.564



0, 0.743, 2.174

Inverse Universe

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



51, 5.963, 3.085



64, 9.085, 3.368



53, 4.447, 230.279



26, 3.172, 2.931



26, 55.089, 26.564



0, 0.743, 2.174

Previews

White Background



This preview shows how the CIELCh color 51, 5.964, 3.075 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, 5.964, 3.075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

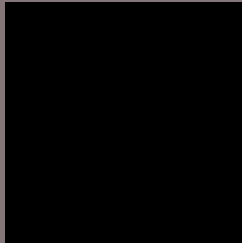
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 5.964, 3.075

Background



This preview shows how black text looks on a background with the CIELCh color 51, 5.964, 3.075.



This preview shows how white text looks on a background with the CIELCh color 51, 5.964, 3.075.

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, 5.964, 3.075

Protanopia

51, 1.426, 324.401

Deuteranopia

51, 6.360, 4.222



Tritanopia
51, 8.311, 341.317

Trichromacy



Original Color

51, 5.964, 3.075

Protanomaly

51, 2.693, 353.987

Deuteranomaly

51, 6.360, 4.222

Tritanomaly

51, 7.653, 348.158

Monochromacy



Original Color

51, 5.964, 3.075

Achromatopsia

52, 0.007, 296.813

Achromatomaly

51, 2.102, 3.421

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 5.964, 3.075 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(132, 118, 121)` looks like.

```
.text, #text, p{  
    color:rgb(132, 118, 121)  
}
```

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(132, 118, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 118, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 5.964, 3.075 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(132, 118, 121) }
```

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

```
.border{ border-color:rgb(132, 118, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 118, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 118, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 118, 121);  
box-shadow:4px 4px 4px 4px rgb(132, 118,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 5.964, 3.075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 118, 121) }
```

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

```
.background{ background-color: rgb(132,  
118, 121) }
```

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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