

Converting Colors

CIELCh(51, 7.256, 292.634)

Have a look what the booklet for
CIELCh(51, 7.256, 292.634) contains.

| | |
|--|----|
| CIELCh(51, 7.605, 294.051) | 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, 7.605, 294.051)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 797885 |
| RGB | 121, 120, 133 |
| RGB Percent | 47%, 47%, 52% |
| CMY | 0.5246, 0.5285, 0.4775 |
| CMYK | 0.09, 0.10, 0.00, 0.48 |
| HSL | 245°, 5%, 50% |
| HSV | 245°, 10%, 52% |
| XYZ | 18.9103, 19.2686, 24.9962 |
| YIQ | 121.7810, -3.5770, 4.2550 |

Conversions

Conversions Part 2

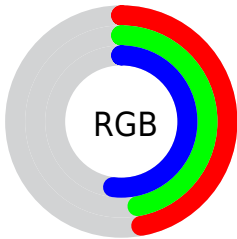
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 121, 120, 133 |
| Decimal | 7960709 |
| CIE Lab | 51.00, 3.10, -6.94 |
| CIE LCh | 51, 7.605, 294.051 |
| Yxy | 19.2686, 0.2993, 0.3050 |
| Android (android.graphics.Color) | 4286150789 (0xFF797885) |
| YUV | 121.7810, 5.5310, -0.6849 |
| Hunter-Lab | 43.8960, 0.0791, -3.0350 |

Details

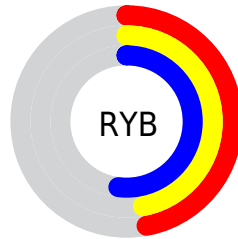
The CIELCh color $51, 7.605, 294.051$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $55, 7.439, 112.405$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 7.671, 293.657$, and $31, 7.652, 291.567$ is the 20% darker color. If you saturate the color by 10%, you get $46, 15.693, 295.050$, and if you desaturate by 10%, it is $56, 0.177, 113.033$.

Distribution



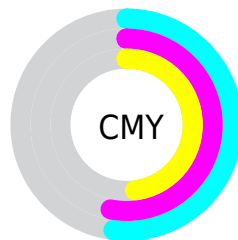
- Red (47%)
- Green (47%)
- Blue (52%)



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



- Cyan (9%)
- Magenta (10%)
- Yellow (0%)
- Black (48%)



- Cyan (52%)
- Magenta (53%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 7.605, 294.051 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, 7.605, 294.051 by changing the saturation by 10% instead.

■ 51, 7.605, 294.051

■ 51, 7.605, 294.051

■ 100, 7.605,
294.051

■ 41, 7.605, 294.051

■ 71, 7.605, 294.051

■ 31, 7.605, 294.051

■ 81, 7.605, 294.051

■ 21, 7.605, 294.051

■ 91, 7.605, 294.051

■ 11, 7.605, 294.051

■ 1, 7.605, 294.051

■ 0, 7.605, 294.051

■ 51, 7.605, 294.051

■ 51, 7.605, 294.051

■ 46, 15.693,
295.050

■ 56, 0.177, 113.033

■ 60, 7.670, 112.436

41, 24.109,
296.217

65, 14.896,
111.802

37, 32.863,
297.561

70, 21.871,
111.255

32, 41.934,
299.086

74, 28.614,
110.783

27, 51.234,
300.764

79, 35.139,
110.374

23, 60.517,
302.515

83, 41.461,
110.020

19, 69.241,
304.180

88, 47.592,
109.711

16, 76.459,
305.514

92, 53.544,
109.442

14, 82.041,
306.591

Harmonies

Complementary

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



51, 7.605, 294.051



55, 7.439, 112.405

Rectangle

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



51, 7.605, 294.051



51, 7.605, 344.051



51, 7.605, 114.051



51, 7.605, 164.051

Sweetspot

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



51, 7.604, 294.046



69, 2.868, 293.462



54, 4.688, 205.143



36, 2.167, 293.522



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, 7.604, 294.046



64, 11.651, 294.284



52, 8.136, 311.750



25, 4.372, 293.987



14, 80.745, 306.632



0, 1.031, 293.198

Inverse Universe

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



52, 8.693, 327.092



65, 13.275, 327.236



55, 8.041, 130.976



26, 5.002, 327.055



30, 66.138, 331.443



0, 1.191, 326.578

Previews

White Background



This preview shows how the CIELCh color 51, 7.605, 294.051 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, 7.605, 294.051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

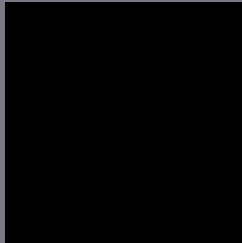
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

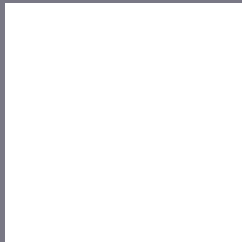
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 51, 7.605, 294.051

Background



This preview shows how black text looks on a background with the CIELCh color 51, 7.605, 294.051.



This preview shows how white text looks on a background with the CIELCh color 51, 7.605, 294.051.

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, 7.605, 294.051

Protanopia

51, 7.001, 287.930

Deuteranopia

51, 10.163, 313.783



Tritanopia
51, 5.249, 290.856

Trichromacy



Original Color

51, 7.605, 294.051

Protanomaly

51, 7.001, 287.930

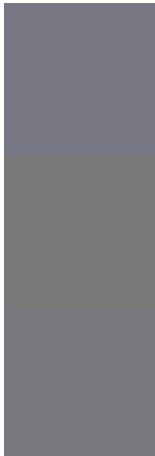
Deuteranomaly

51, 9.202, 308.391

Tritanomaly

51, 5.832, 290.929

Monochromacy



Original Color

51, 7.605, 294.051

Achromatopsia

51, 0.007, 296.813

Achromatomaly

51, 2.951, 298.251

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 7.605, 294.051 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(121, 120, 133)` looks like.

```
.text, #text, p{  
    color:rgb(121, 120, 133)  
}
```

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(121, 120, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 120, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 7.605, 294.051 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(121, 120, 133) }
```

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

```
.border{ border-color:rgb(121, 120, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 120, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 120, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 120, 133); box-shadow:4px 4px 4px 4px rgb(121, 120, 133) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 7.605, 294.051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 120, 133) }
```

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

```
.background{ background-color: rgb(121,  
120, 133) }
```

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