

Converting Colors

CIELCh(51, 7.225, 173.688)

Have a look what the booklet for
CIELCh(51, 7.225, 173.688) contains.

CIELCh(51, 6.980, 174.007)	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, 6.980, 174.007)

Conversions

Conversions Part 1

Format	Color
Hex	6D7D78
RGB	109, 125, 120
RGB Percent	43%, 49%, 47%
CMY	0.5726, 0.5099, 0.5295
CMYK	0.13, 0.00, 0.04, 0.51
HSL	161°, 7%, 46%
HSV	161°, 13%, 49%
XYZ	17.0250, 19.2686, 20.5857
YIQ	119.6460, -7.9310, -4.9470

Conversions

Conversions Part 2

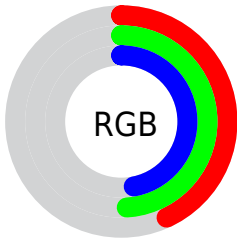
Format	Color
R_{YB}	109, 118, 125
Decimal	7175544
CIE Lab	51.00, -6.94, 0.73
CIE LCh	51, 6.980, 174.007
Yxy	19.2686, 0.2993, 0.3388
Android (android.graphics.Color)	4285365624 (0xFF6D7D78)
YUV	119.6460, 0.1745, -9.3365
Hunter-Lab	43.8960, -7.5869, 2.9223

Details

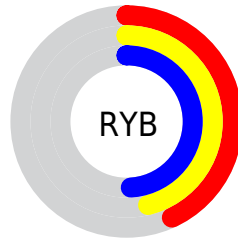
The CIELCh color **51, 6.980, 174.007** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **48, 7.220, 356.233**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 7.143, 171.596**, and **31, 6.902, 176.673** is the 20% darker color. If you saturate the color by 10%, you get **50, 12.314, 173.018**, and if you desaturate by 10%, it is **52, 1.535, 175.069**.

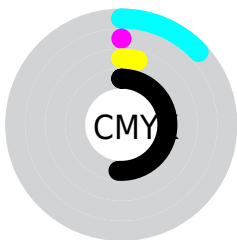
Distribution



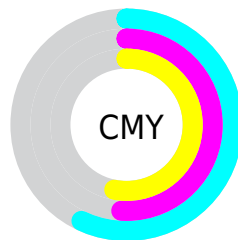
- Red (43%)
- Green (49%)
- Blue (47%)



- Red (43%)
- Yellow (46%)
- Blue (49%)



- Cyan (13%)
- Magenta (0%)
- Yellow (4%)
- Black (51%)



- Cyan (57%)
- Magenta (51%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 6.980, 174.007 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, 6.980, 174.007 by changing the saturation by 10% instead.

■ 51, 6.980, 174.007

■ 51, 6.980, 174.007

■ 100, 6.980,
174.007

■ 41, 6.980, 174.007

■ 71, 6.980, 174.007

■ 31, 6.980, 174.007

■ 81, 6.980, 174.007

■ 21, 6.980, 174.007

■ 91, 6.980, 174.007

■ 11, 6.980, 174.007

■ 1, 6.980, 174.007

■ 0, 6.980, 174.007

■ 51, 6.980, 174.007

■ 51, 6.980, 174.007

■ 50, 12.314,
173.018

■ 52, 1.535, 175.069

■ 53, 3.962, 355.608

■ 49, 17.459,
171.968

■ 55, 9.459, 356.453

■ 48, 22.334,
170.828

■ 56, 14.914,
357.221

■ 48, 26.854,
169.575

■ 57, 20.298,
357.947

■ 47, 30.940,
168.188

■ 59, 25.590,
358.639

■ 47, 34.528,
166.645

■ 60, 30.776,
359.302

■ 46, 37.581,
164.926

■ 62, 35.847,
359.938

■ 46, 40.102,
163.022

■ 64, 40.799, 0.549

■ 46, 41.778,
161.667

Harmonies

Complementary

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



51, 6.980, 174.007



48, 7.220, 356.233

Rectangle

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



51, 6.980, 174.007



51, 6.980, 224.007



51, 6.980, 354.007



51, 6.980, 44.007

Sweetspot

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



51, 6.981, 174.001



67, 2.724, 174.887



51, 10.341, 134.684



34, 1.926, 174.810



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, 6.981, 174.001



65, 10.152, 173.754



50, 5.294, 217.909



26, 3.131, 174.358



47, 42.413, 161.619



0, 0.000, 0.000

Inverse Universe

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



48, 7.220, 356.233



60, 10.570, 356.503



48, 5.728, 37.378



25, 3.208, 355.853



26, 51.692, 18.010



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 51, 6.980, 174.007 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, 6.980, 174.007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

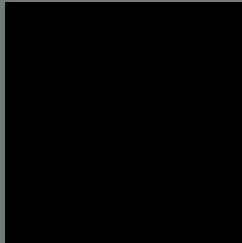
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

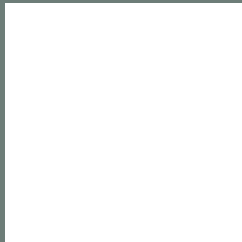
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 51, 6.980, 174.007

Background



This preview shows how black text looks on a background with the CIELCh color 51, 6.980, 174.007.



This preview shows how white text looks on a background with the CIELCh color 51, 6.980, 174.007.

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

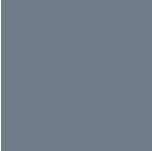
51, 6.980, 174.007

Protanopia

51, 2.114, 74.738

Deuteranopia

51, 7.129, 356.167



Tritanopia
51, 7.286, 252.474

Trichromacy



Original Color
51, 6.980, 174.007

Protanomaly
51, 2.129, 144.396

Deuteranomaly
51, 1.720, 359.599

Tritanomaly
51, 5.798, 222.722

Monochromacy



Original Color
51, 6.980, 174.007

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 2.672, 173.388

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 6.980, 174.007 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(109, 125, 120)` looks like.

```
.text, #text, p{  
    color:rgb(109, 125, 120)  
}
```

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(109, 125, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 125, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 6.980, 174.007 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(109, 125, 120) }
```

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

```
.border{ border-color:rgb(109, 125, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 125, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 125, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 125, 120);  
box-shadow:4px 4px 4px 4px rgb(109, 125,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 6.980, 174.007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 125, 120) }
```

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

```
.background{ background-color: rgb(109,  
125, 120) }
```

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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