

Converting Colors

CIELCh(51, 6.571, 225.544)

Have a look what the booklet for
CIELCh(51, 6.571, 225.544) contains.

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Color

CIELCh(51, 6.351, 226.328)

Conversions

Conversions Part 1

Format	Color
Hex	6D7C81
RGB	109, 124, 129
RGB Percent	43%, 49%, 51%
CMY	0.5724, 0.5135, 0.4939
CMYK	0.15, 0.04, 0.00, 0.49
HSL	195°, 8%, 47%
HSV	195°, 15%, 51%
XYZ	17.4925, 19.2686, 23.5840
YIQ	120.0850, -10.5450, -1.6250

Conversions

Conversions Part 2

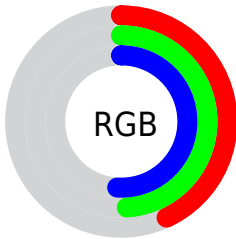
Format	Color
R_{YB}	109, 118, 129
Decimal	7175297
CIE Lab	51.00, -4.39, -4.59
CIE LCh	51, 6.351, 226.328
Yxy	19.2686, 0.2899, 0.3193
Android (android.graphics.Color)	4285365377 (0xFF6D7C81)
YUV	120.0850, 4.3951, -9.7215
Hunter-Lab	43.8960, -5.6861, -1.1275

Details

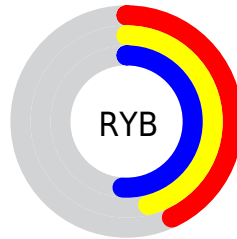
The CIELCh color **51, 6.351, 226.328** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **49, 6.954, 44.750**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 6.271, 230.672**, and **31, 6.426, 228.570** is the 20% darker color. If you saturate the color by 10%, you get **49, 10.168, 227.075**, and if you desaturate by 10%, it is **53, 2.306, 225.829**.

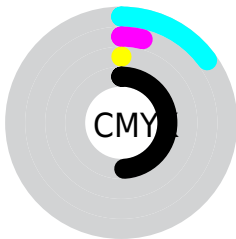
Distribution



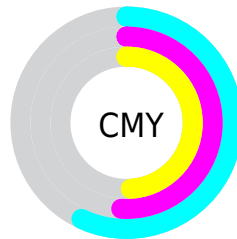
- Red (43%)
- Green (49%)
- Blue (51%)



- Red (43%)
- Yellow (46%)
- Blue (51%)



- Cyan (15%)
- Magenta (4%)
- Yellow (0%)
- Black (49%)



- Cyan (57%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 6.351, 226.328 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, 6.351, 226.328 by changing the saturation by 10% instead.

■ 51, 6.351, 226.328

■ 51, 6.351, 226.328

■ 100, 6.351,
226.328

■ 41, 6.351, 226.328

■ 71, 6.351, 226.328

■ 31, 6.351, 226.328

■ 81, 6.351, 226.328

■ 21, 6.351, 226.328

■ 91, 6.351, 226.328

■ 11, 6.351, 226.328

■ 1, 6.351, 226.328

■ 0, 6.351, 226.328

■ 51, 6.351, 226.328

■ 51, 6.351, 226.328

■ 49, 10.168,
227.075

■ 53, 2.306, 225.829

■ 55, 1.919, 45.020

47, 13.705,
228.083

57, 6.283, 44.830

46, 16.909,
229.392

59, 10.751, 44.619

44, 19.729,
231.070

61, 15.293, 44.465

43, 22.127,
233.195

65, 24.511, 44.300

41, 24.088,
235.851

68, 29.151, 44.270

40, 25.631,
239.110

70, 33.795, 44.265

39, 26.842,
242.961

38, 27.388,
244.689

Harmonies

Complementary

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



51, 6.351, 226.328



49, 6.954, 44.750

Rectangle

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



51, 6.351, 226.328



51, 6.351, 276.328



51, 6.351, 46.328



51, 6.351, 96.328

Sweetspot

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



51, 6.351, 226.316



68, 2.607, 225.822



52, 12.037, 150.706



35, 1.768, 225.834



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, 6.351, 226.316



64, 9.575, 226.588



48, 8.832, 278.062



26, 2.322, 225.958



38, 27.142, 244.628



0, 0.000, 0.000

Inverse Universe

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



48, 11.949, 333.297



60, 18.230, 333.562



52, 8.762, 94.288



25, 4.285, 332.869



28, 57.410, 340.841



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 51, 6.351, 226.328 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, 6.351, 226.328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

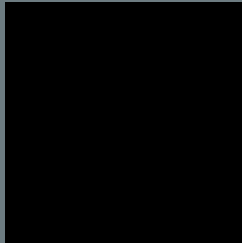
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

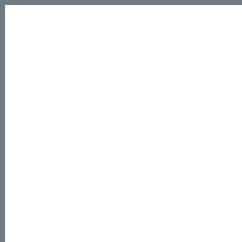
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 51, 6.351, 226.328

Background



This preview shows how black text looks on a background with the CIELCh color 51, 6.351, 226.328.



This preview shows how white text looks on a background with the CIELCh color 51, 6.351, 226.328.

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, 6.351, 226.328

Protanopia

51, 3.529, 297.037

Deuteranopia

51, 8.276, 322.598



Tritanopia
51, 7.511, 250.223

Trichromacy



Original Color

51, 6.351, 226.328

Protanomaly

51, 3.969, 261.324

Deuteranomaly

51, 5.902, 298.512

Tritanomaly

51, 7.092, 246.985

Monochromacy



Original Color

51, 6.351, 226.328

Achromatopsia

50, 0.007, 296.813

Achromatomaly

50, 2.275, 230.301

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 6.351, 226.328 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, 124, 129)` looks like.

```
.text, #text, p{  
    color:rgb(109, 124, 129)  
}
```

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, 124, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 124, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 6.351, 226.328 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, 124, 129) }
```

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

```
.border{ border-color:rgb(109, 124, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 124, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 124, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 124, 129);  
box-shadow:4px 4px 4px 4px rgb(109, 124,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 6.351, 226.328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 124, 129) }
```

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

```
.background{ background-color: rgb(109,  
124, 129) }
```

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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