

Converting Colors

CIELCh(51, 6.865, 322.050)

Have a look what the booklet for
CIELCh(51, 6.865, 322.050) contains.

CIELCh(51, 6.865, 322.050)	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, 6.865, 322.050)

Conversions

Conversions Part 1

Format	Color
Hex	807781
RGB	128, 119, 129
RGB Percent	50%, 47%, 51%
CMY	0.4992, 0.5345, 0.4953
CMYK	0.01, 0.08, 0.00, 0.50
HSL	294°, 4%, 49%
HSV	294°, 8%, 50%
XYZ	19.3636, 19.2686, 23.3656
YIQ	122.8310, 2.1540, 5.0180

Conversions

Conversions Part 2

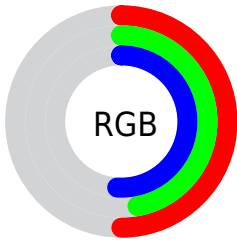
Format	Color
R _Y B	128, 119, 129
Decimal	8419201
CIE Lab	51.00, 5.41, -4.22
CIE LCh	51, 6.865, 322.050
Yxy	19.2686, 0.3123, 0.3108
Android (android.graphics.Color)	4286609281 (0xFF807781)
YUV	122.8310, 3.0413, 4.5332
Hunter-Lab	43.8960, 1.9224, -0.8325

Details

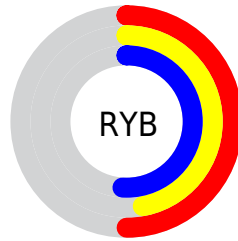
The CIELCh color $51, 6.865, 322.050$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $53, 6.841, 141.358$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 7.102, 322.231$, and $31, 6.710, 321.871$ is the 20% darker color. If you saturate the color by 10%, you get $47, 15.798, 322.532$, and if you desaturate by 10%, it is $55, 1.949, 141.698$.

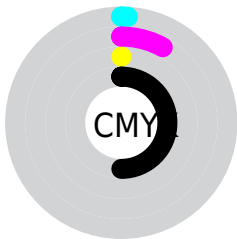
Distribution



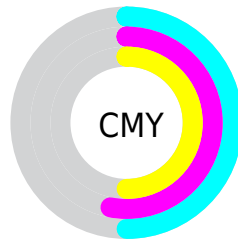
- Red (50%)
- Green (47%)
- Blue (51%)



- Red (50%)
- Yellow (47%)
- Blue (51%)



- Cyan (1%)
- Magenta (8%)
- Yellow (0%)
- Black (50%)



- Cyan (50%)
- Magenta (53%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 6.865, 322.050 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, 6.865, 322.050 by changing the saturation by 10% instead.

■ 51, 6.865, 322.050

■ 51, 6.865, 322.050

■ 100, 6.865,
322.050

■ 41, 6.865, 322.050

■ 71, 6.865, 322.050

■ 31, 6.865, 322.050

■ 81, 6.865, 322.050

■ 21, 6.865, 322.050

■ 91, 6.865, 322.050

■ 11, 6.865, 322.050

■ 1, 6.865, 322.050

■ 0, 6.865, 322.050

■ 51, 6.865, 322.050

■ 51, 6.865, 322.050

■ 47, 15.798,
322.532

■ 55, 1.949, 141.698

■ 58, 10.578,

44, 24.756,
322.999

141.178

41, 33.592,
323.444

62, 18.987,
140.742

37, 42.095,
323.850

66, 27.161,
140.332

35, 49.994,
324.194

70, 35.093,
139.949

32, 56.958,
324.451

74, 42.786,
139.591

30, 62.642,
324.595

78, 50.248,
139.260

29, 66.758,
324.604

81, 57.488,
138.954

28, 69.464,
324.491

85, 64.517,
138.672

Harmonies

Complementary

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



51, 6.865, 322.050



53, 6.841, 141.358

Rectangle

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



51, 6.865, 322.050



51, 6.865, 12.050



51, 6.865, 142.050



51, 6.865, 192.050

Sweetspot

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



51, 6.863, 322.049



68, 2.196, 321.714



51, 5.170, 285.821



35, 1.243, 321.700



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, 6.863, 322.049



65, 9.915, 322.121



51, 5.403, 338.365



25, 4.948, 322.115



27, 69.575, 324.470



0, 0.000, 0.000

Inverse Universe

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



51, 4.110, 11.665



65, 5.959, 11.804



53, 5.367, 157.355



25, 2.973, 11.792



25, 58.210, 34.181



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 51, 6.865, 322.050 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, 6.865, 322.050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

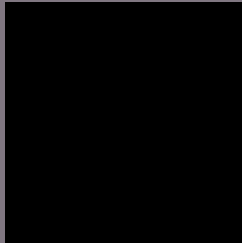
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 6.865, 322.050

Background



This preview shows how black text looks on a background with the CIELCh color 51, 6.865, 322.050.



This preview shows how white text looks on a background with the CIELCh color 51, 6.865, 322.050.

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

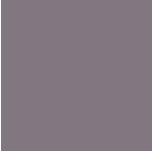
51, 6.865, 322.050

Protanopia

51, 5.249, 290.856

Deuteranopia

51, 8.020, 327.254



Tritanopia
51, 6.378, 324.782

Trichromacy



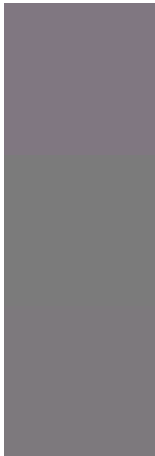
Original Color
51, 6.865, 322.050

Protanomaly
51, 5.971, 302.229

Deuteranomaly
51, 7.791, 324.866

Tritanomaly
51, 6.378, 324.782

Monochromacy



Original Color
51, 6.865, 322.050

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 2.842, 324.545

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 6.865, 322.050 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(128, 119, 129)` looks like.

```
.text, #text, p{  
    color:rgb(128, 119, 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(128, 119, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 119, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 6.865, 322.050 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(128, 119, 129) }
```

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

```
.border{ border-color:rgb(128, 119, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 119, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 119, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 119, 129);  
box-shadow:4px 4px 4px 4px rgb(128, 119,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 6.865, 322.050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 119, 129) }
```

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

```
.background{ background-color: rgb(128,  
119, 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](#).

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