

Converting Colors

CIELCh(51, 13.809, 323.351)

Have a look what the booklet for
CIELCh(51, 13.809, 323.351)
contains.

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Color

CIELCh(51, 13.660, 322.392)

Conversions

Conversions Part 1

Format	Color
Hex	867488
RGB	134, 116, 136
RGB Percent	53%, 45%, 53%
CMY	0.4753, 0.5459, 0.4675
CMYK	0.01, 0.15, 0.00, 0.47
HSL	294°, 8%, 49%
HSV	294°, 15%, 53%
XYZ	20.4511, 19.2686, 25.8579
YIQ	123.6620, 4.3080, 10.0360

Conversions

Conversions Part 2

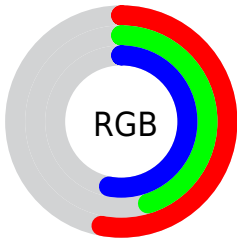
Format	Color
R_{YB}	134, 116, 136
Decimal	8811656
CIE _{Lab}	51.00, 10.82, -8.34
CIE _{LCh}	51, 13.660, 322.392
Yxy	19.2686, 0.3119, 0.2938
Android (android.graphics.Color)	4287001736 (0xFF867488)
YUV	123.6620, 6.0826, 9.0664
Hunter-Lab	43.8960, 6.3450, -4.1988

Details

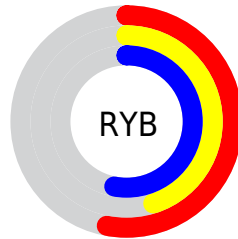
The CIELCh color $51, 13.660, 322.392$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $55, 13.606, 140.964$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 13.493, 322.369$, and $31, 13.325, 322.312$ is the 20% darker color. If you saturate the color by 10%, you get $47, 23.025, 322.866$, and if you desaturate by 10%, it is $55, 4.352, 321.894$.

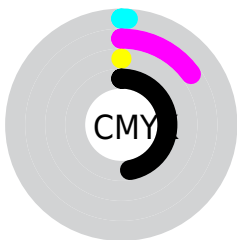
Distribution



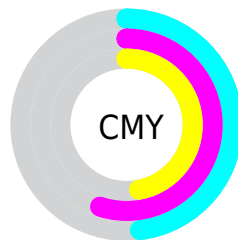
- Red (53%)
- Green (45%)
- Blue (53%)



- Red (53%)
- Yellow (45%)
- Blue (53%)



- Cyan (1%)
- Magenta (15%)
- Yellow (0%)
- Black (47%)





- Cyan (48%)
- Magenta (55%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 13.660, 322.392 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, 13.660, 322.392 by changing the saturation by 10% instead.


 51, 13.660,
322.392


 51, 13.660,
322.392


 100, 13.660,
322.392


 41, 13.660,
322.392


 71, 13.660,
322.392

 31, 13.660,
322.392

 81, 13.660,
322.392

 21, 13.660,
322.392

 91, 13.660,
322.392

 11, 13.660,
322.392

 1, 13.660, 322.392

 0, 13.660, 322.392

51, 13.660,
322.392

51, 13.660,
322.392

47, 23.025,
322.866

55, 4.352, 321.894

44, 32.314,
323.321

59, 4.803, 141.509

40, 41.323,
323.742

63, 13.751,
141.040

37, 49.785,
324.108

67, 22.462,
140.610

35, 57.365,
324.393

71, 30.922,
140.207

33, 63.697,
324.571

75, 39.129,
139.830

31, 68.450,
324.617

79, 47.087,
139.479

30, 71.481,

83, 54.804,
139.155

324.518

 87, 62.293,
138.855

 29, 72.823,
324.449

Harmonies

Complementary

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



51, 13.660, 322.392



55, 13.606, 140.964

Rectangle

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



51, 13.660, 322.392



51, 13.660, 12.392



51, 13.660, 142.392



51, 13.660, 192.392

Sweetspot

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



51, 13.658, 322.392



70, 4.554, 321.858



50, 10.357, 286.648



37, 3.263, 321.896



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51, 13.658, 322.392



63, 20.673, 322.567



51, 10.766, 338.914



27, 5.277, 322.122



28, 71.576, 324.457



0, 2.433, 321.711

Inverse Universe

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



51, 8.324, 12.346



63, 12.721, 12.723



55, 10.657, 156.782



27, 3.171, 11.807



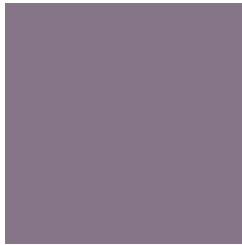
27, 60.066, 34.454



0, 1.432, 11.145

Previews

White Background



This preview shows how the CIELCh color 51, 13.660, 322.392 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, 13.660, 322.392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

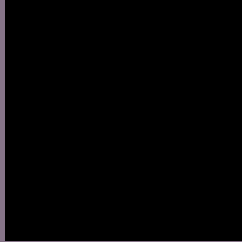
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 13.660, 322.392

Background



This preview shows how black text looks on a background with the CIELCh color 51, 13.660, 322.392.



This preview shows how white text looks on a background with the CIELCh color 51, 13.660, 322.392.

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, 13.660, 322.392

Protanopia

51, 10.503, 287.411

Deuteranopia

51, 10.566, 310.617



Tritanopia
51, 8.389, 336.411

Trichromacy



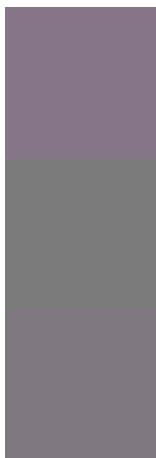
Original Color
51, 13.660, 322.392

Protanomaly
51, 11.287, 301.276

Deuteranomaly
51, 11.550, 315.197

Tritanomaly
51, 9.917, 330.788

Monochromacy



Original Color
51, 13.660, 322.392

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 5.453, 321.258

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 13.660, 322.392 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(134, 116, 136)` looks like.

```
.text, #text, p{  
    color:rgb(134, 116, 136)  
}
```

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(134, 116, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 116, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 13.660, 322.392 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(134, 116, 136) }
```

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

```
.border{ border-color:rgb(134, 116, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 116, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 116, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 116, 136);  
box-shadow:4px 4px 4px 4px rgb(134, 116,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 13.660, 322.392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 116, 136) }
```

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

```
.background{ background-color: rgb(134,  
116, 136) }
```

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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