

Converting Colors

CIELCh(51, 14.387, 307.889)

Have a look what the booklet for
CIELCh(51, 14.387, 307.889)
contains.

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Color

CIELCh(51, 14.689, 308.395)

Conversions

Conversions Part 1

Format	Color
Hex	80758D
RGB	128, 117, 141
RGB Percent	50%, 46%, 55%
CMY	0.4976, 0.5408, 0.4467
CMYK	0.09, 0.17, 0.00, 0.45
HSL	267°, 10%, 51%
HSV	267°, 17%, 55%
XYZ	20.1053, 19.2686, 27.8988
YIQ	123.0250, -1.1480, 9.7960

Conversions

Conversions Part 2

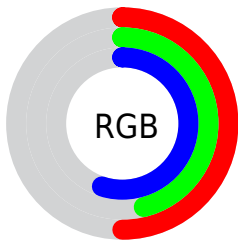
Format	Color
RYB	128, 117, 141
Decimal	8418701
CIELab	51.00, 9.12, -11.51
CIELCh	51, 14.689, 308.395
Yxy	19.2686, 0.2989, 0.2864
Android (android.graphics.Color)	4286608781 (0xFF80758D)
YUV	123.0250, 8.8617, 4.3631
Hunter-Lab	43.8960, 4.9387, -6.9555

Details

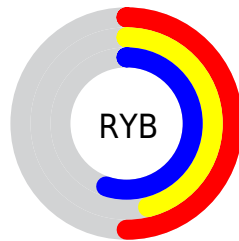
The CIELCh color $51, 14.689, 308.395$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $57, 14.331, 126.834$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 14.927, 308.337$, and $31, 14.668, 308.581$ is the 20% darker color. If you saturate the color by 10%, you get $47, 23.644, 308.926$, and if you desaturate by 10%, it is $56, 5.968, 307.899$.

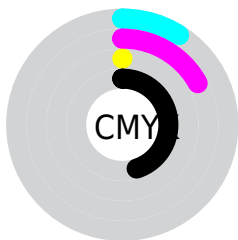
Distribution



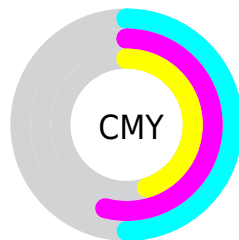
- Red (50%)
- Green (46%)
- Blue (55%)



- Red (50%)
- Yellow (46%)
- Blue (55%)



- Cyan (9%)
- Magenta (17%)
- Yellow (0%)
- Black (45%)



- Cyan (50%)
- Magenta (54%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 14.689, 308.395 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, 14.689, 308.395 by changing the saturation by 10% instead.

■ 51, 14.689,
308.395

■ 51, 14.689,
308.395

■ 100, 14.689,
308.395

■ 41, 14.689,
308.395

■ 71, 14.689,
308.395

■ 31, 14.689,
308.395

■ 81, 14.689,
308.395

■ 21, 14.689,
308.395

■ 91, 14.689,
308.395

■ 11, 14.689,
308.395

■ 1, 14.689, 308.395

■ 0, 14.689, 308.395

51, 14.689,
308.395

51, 14.689,
308.395

47, 23.644,
308.926

56, 5.968, 307.899

42, 32.791,
309.491

60, 2.496, 127.505

38, 42.034,
310.071

65, 10.699,
127.088

34, 51.202,
310.632

69, 18.646,
126.738

30, 60.009,
311.119

73, 26.346,
126.432

26, 68.009,
311.451

78, 33.812,
126.166


23, 74.602,
311.520


82, 41.055,
125.934

21, 79.426,

87, 48.087,
125.735

311.278

 91, 54.922,
125.563

 20, 80.851,
311.234

Harmonies

Complementary

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



51, 14.689, 308.395



57, 14.331, 126.834

Rectangle

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



51, 14.689, 308.395



51, 14.689, 358.395



51, 14.689, 128.395



51, 14.689, 178.395

Sweetspot

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



51, 14.688, 308.394



72, 5.264, 307.807



54, 7.835, 252.018



37, 3.581, 307.837



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



51, 14.688, 308.394



63, 21.511, 308.571



52, 16.543, 323.937



28, 4.868, 308.004



19, 78.324, 311.279



0, 3.247, 307.597

Inverse Universe

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



52, 12.218, 342.814



65, 17.856, 343.120



56, 16.503, 142.149



28, 4.064, 342.139



29, 53.558, 357.039



1, 2.718, 341.468

Previews

White Background



This preview shows how the CIELCh color 51, 14.689, 308.395 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, 14.689, 308.395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

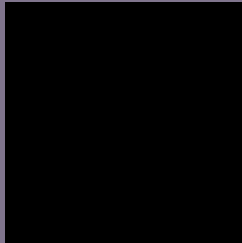
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 14.689, 308.395

Background



This preview shows how black text looks on a background with the CIELCh color 51, 14.689, 308.395.



This preview shows how white text looks on a background with the CIELCh color 51, 14.689, 308.395.

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, 14.689, 308.395

Protanopia

51, 13.442, 287.166

Deuteranopia

51, 13.012, 300.109



Tritanopia
51, 6.487, 316.023

Trichromacy



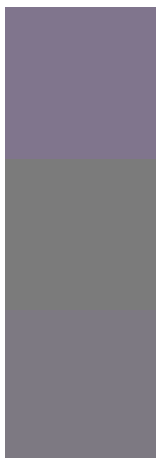
Original Color
51, 14.689, 308.395

Protanomaly
51, 13.468, 295.054

Deuteranomaly
51, 13.738, 302.936

Tritanomaly
51, 9.478, 312.929

Monochromacy



Original Color
51, 14.689, 308.395

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 5.495, 307.403

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 14.689, 308.395 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, 117, 141)` looks like.

```
.text, #text, p{  
    color:rgb(128, 117, 141)  
}
```

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, 117, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 117, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 14.689, 308.395 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, 117, 141) }
```

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

```
.border{ border-color:rgb(128, 117, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 117, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 117, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 117, 141);  
box-shadow:4px 4px 4px 4px rgb(128, 117,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 14.689, 308.395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 117, 141) }
```

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

```
.background{ background-color: rgb(128,  
117, 141) }
```

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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