

Converting Colors

CIELCh(51, 11.299, 321.641)

Have a look what the booklet for
CIELCh(51, 11.299, 321.641)
contains.

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Color

CIELCh(51, 11.376, 320.048)

Conversions

Conversions Part 1

Format	Color
Hex	837586
RGB	131, 117, 134
RGB Percent	51%, 46%, 53%
CMY	0.4863, 0.5412, 0.4745
CMYK	0.02, 0.13, 0.00, 0.47
HSL	289°, 7%, 49%
HSV	289°, 13%, 53%
XYZ	20.0239, 19.2686, 25.2175
YIQ	123.1240, 2.8870, 8.2550

Conversions

Conversions Part 2

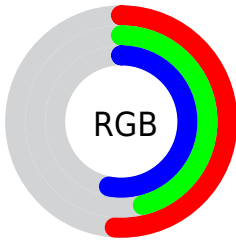
Format	Color
R_{YB}	131, 117, 134
Decimal	8615302
CIE _{Lab}	51.00, 8.72, -7.31
CIE _{LCh}	51, 11.376, 320.048
Yxy	19.2686, 0.3104, 0.2987
Android (android.graphics.Color)	4286805382 (0xFF837586)
YUV	123.1240, 5.3619, 6.9073
Hunter-Lab	43.8960, 4.6078, -3.3338

Details

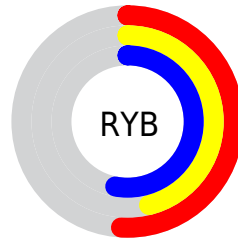
The CIELCh color $51, 11.376, 320.048$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $54, 11.309, 138.934$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 11.337, 320.213$, and $31, 11.064, 321.521$ is the 20% darker color. If you saturate the color by 10%, you get $47, 20.468, 320.493$, and if you desaturate by 10%, it is $55, 2.391, 319.560$.

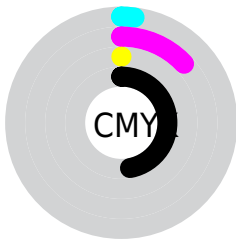
Distribution



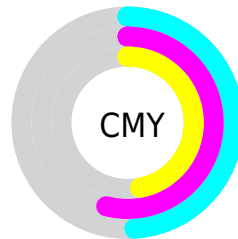
- Red (51%)
- Green (46%)
- Blue (53%)



- Red (51%)
- Yellow (46%)
- Blue (53%)



- Cyan (2%)
- Magenta (13%)
- Yellow (0%)
- Black (47%)





- Cyan (49%)
- Magenta (54%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 11.376, 320.048 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, 11.376, 320.048 by changing the saturation by 10% instead.


 51, 11.376,
320.048


 51, 11.376,
320.048


 100, 11.376,
320.048


 41, 11.376,
320.048


 71, 11.376,
320.048

 31, 11.376,
320.048

 81, 11.376,
320.048

 21, 11.376,
320.048

 91, 11.376,
320.048

 11, 11.376,
320.048

 1, 11.376, 320.048

 0, 11.376, 320.048

51, 11.376,
320.048

51, 11.376,
320.048

47, 20.468,
320.493

55, 2.391, 319.560

44, 29.566,
320.926

59, 6.417, 139.230

40, 38.504,
321.330

63, 15.009,
138.814

37, 47.053,
321.681

67, 23.368,
138.432

34, 54.907,
321.950

71, 31.487,
138.078

31, 61.697,
322.101

75, 39.368,
137.751


29, 67.045,
322.095


79, 47.017,
137.450

28, 70.666,

83, 54.443,
137.175

321.900

 87, 61.658,
136.924

 27, 72.738,
321.704

Harmonies

Complementary

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



51, 11.376, 320.048



54, 11.309, 138.934

Rectangle

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



51, 11.376, 320.048



51, 11.376, 10.048



51, 11.376, 140.048



51, 11.376, 190.048

Sweetspot

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



51, 11.374, 320.048



69, 4.398, 319.643



51, 8.168, 282.875



35, 3.114, 319.678



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



51, 11.374, 320.048



64, 16.635, 320.166



51, 9.603, 335.797



26, 5.000, 319.886



26, 71.176, 321.721



0, 1.189, 319.508

Inverse Universe

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



51, 7.170, 6.163



63, 10.539, 6.443



54, 9.541, 154.105



26, 3.130, 5.794



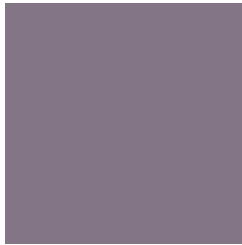
26, 56.382, 29.437



0, 0.732, 5.058

Previews

White Background



This preview shows how the CIE LCh color 51, 11.376, 320.048 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, 11.376, 320.048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

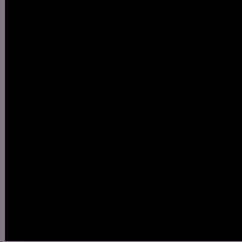
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

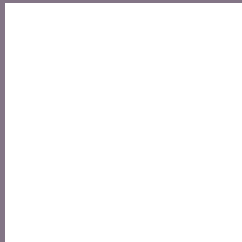
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 51, 11.376, 320.048

Background



This preview shows how black text looks on a background with the CIELCh color 51, 11.376, 320.048.



This preview shows how white text looks on a background with the CIELCh color 51, 11.376, 320.048.

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, 11.376, 320.048

Protanopia

51, 8.763, 286.327

Deuteranopia

51, 10.163, 313.783



Tritanopia
51, 7.131, 332.883

Trichromacy



Original Color
51, 11.376, 320.048

Protanomaly
51, 8.846, 298.765

Deuteranomaly
51, 10.319, 315.806

Tritanomaly
51, 8.491, 324.906

Monochromacy



Original Color
51, 11.376, 320.048

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 4.041, 319.965

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 11.376, 320.048 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(131, 117, 134)` looks like.

```
.text, #text, p{  
    color:rgb(131, 117, 134)  
}
```

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(131, 117, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 117, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 11.376, 320.048 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(131, 117, 134) }
```

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

```
.border{ border-color:rgb(131, 117, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 117, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 117, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 117, 134);  
box-shadow:4px 4px 4px 4px rgb(131, 117,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 11.376, 320.048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 117, 134) }
```

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

```
.background{ background-color: rgb(131,  
117, 134) }
```

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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