

Converting Colors

CIELCh(51, 15.280, 324.020)

Have a look what the booklet for
CIELCh(51, 15.280, 324.020)
contains.

CIELCh(51, 15.259, 324.015)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(51, 15.259, 324.015)

Conversions

Conversions Part 1

Format	Color
Hex	887389
RGB	136, 115, 137
RGB Percent	53%, 45%, 54%
CMY	0.4671, 0.5494, 0.4631
CMYK	0.01, 0.16, 0.00, 0.46
HSL	297°, 9%, 49%
HSV	297°, 16%, 54%
XYZ	20.7651, 19.2686, 26.2543
YIQ	123.7870, 5.4540, 11.2940

Conversions

Conversions Part 2

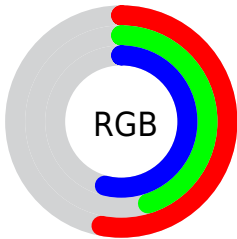
Format	Color
R_{YB}	136, 115, 137
Decimal	8942473
CIE _{Lab}	51.00, 12.35, -8.97
CIE _{LCh}	51, 15.259, 324.015
Yxy	19.2686, 0.3133, 0.2907
Android (android.graphics.Color)	4287132553 (0xFF887389)
YUV	123.7870, 6.5140, 10.7108
Hunter-Lab	43.8960, 7.6219, -4.7342

Details

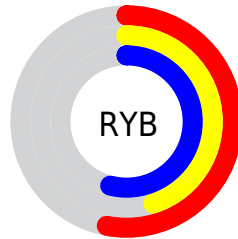
The CIELCh color $51, 15.259, 324.015$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $55, 15.223, 142.331$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 15.004, 323.884$, and $31, 15.040, 324.176$ is the 20% darker color. If you saturate the color by 10%, you get $47, 24.805, 324.516$, and if you desaturate by 10%, it is $55, 5.729, 323.494$.

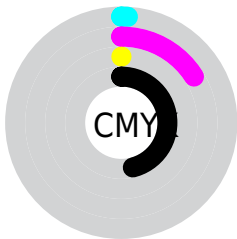
Distribution



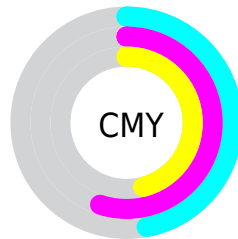
- Red (53%)
- Green (45%)
- Blue (54%)



- Red (53%)
- Yellow (45%)
- Blue (54%)



- Cyan (1%)
- Magenta (16%)
- Yellow (0%)
- Black (46%)





- Cyan (47%)
- Magenta (55%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 15.259, 324.015 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, 15.259, 324.015 by changing the saturation by 10% instead.


 51, 15.259,
324.015


 51, 15.259,
324.015


 100, 15.259,
324.015


 41, 15.259,
324.015


 71, 15.259,
324.015

 31, 15.259,
324.015

 81, 15.259,
324.015

 21, 15.259,
324.015

 91, 15.259,
324.015

 11, 15.259,
324.015

 1, 15.259, 324.015

 0, 15.259, 324.015

51, 15.259,
324.015

51, 15.259,
324.015

47, 24.805,
324.516

55, 5.729, 323.494

44, 34.210,
324.996

59, 3.670, 143.082

41, 43.243,
325.440

62, 12.869,
142.563

38, 51.613,
325.830

66, 21.829,
142.094

36, 58.972,
326.147

70, 30.529,
141.651

34, 64.969,
326.371

74, 38.964,
141.234

32, 69.320,
326.486


78, 47.136,
140.844

31, 72.014,

82, 55.053,
140.480

326.494

 86, 62.727,
140.142

 31, 72.944,
326.491

Harmonies

Complementary

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



51, 15.259, 324.015



55, 15.223, 142.331

Rectangle

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



51, 15.259, 324.015



51, 15.259, 14.015



51, 15.259, 144.015



51, 15.259, 194.015

Sweetspot

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



51, 15.257, 324.015



70, 5.861, 323.440



49, 12.265, 289.852



36, 3.984, 323.474



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, 15.257, 324.015



64, 22.435, 324.185



51, 11.311, 342.297



27, 5.365, 323.659



30, 71.276, 326.496



0, 2.475, 323.220

Inverse Universe

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



50, 9.148, 16.813



63, 13.594, 17.134



55, 11.138, 159.791



27, 3.151, 16.199



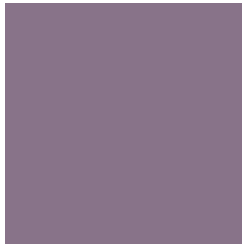
27, 61.728, 36.843



0, 1.418, 15.626

Previews

White Background



This preview shows how the CIELCh color 51, 15.259, 324.015 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, 15.259, 324.015 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, 15.259, 324.015

Background



This preview shows how black text looks on a background with the CIELCh color 51, 15.259, 324.015.



This preview shows how white text looks on a background with the CIELCh color 51, 15.259, 324.015.

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, 15.259, 324.015

Protanopia

51, 11.686, 286.175

Deuteranopia

51, 11.116, 309.642



Tritanopia
51, 8.628, 343.073

Trichromacy



Original Color
51, 15.259, 324.015

Protanomaly
51, 12.502, 302.178

Deuteranomaly
51, 12.236, 315.788

Tritanomaly
51, 11.144, 333.719

Monochromacy



Original Color
51, 15.259, 324.015

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 5.445, 321.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 15.259, 324.015 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(136, 115, 137)` looks like.

```
.text, #text, p{  
    color:rgb(136, 115, 137)  
}
```

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(136, 115, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 115, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 15.259, 324.015 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(136, 115, 137) }
```

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

```
.border{ border-color:rgb(136, 115, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 115, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 115, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 115, 137);  
box-shadow:4px 4px 4px 4px rgb(136, 115,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 15.259, 324.015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 115, 137) }
```

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

```
.background{ background-color: rgb(136,  
115, 137) }
```

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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