

Converting Colors

CIELCh(49, 15.481, 325.228)

Have a look what the booklet for
CIELCh(49, 15.481, 325.228)
contains.

CIELCh(49, 15.365, 324.043)	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(49, 15.365, 324.043)

Conversions

Conversions Part 1

Format	Color
Hex	836E84
RGB	131, 110, 132
RGB Percent	51%, 43%, 52%
CMY	0.4869, 0.5692, 0.4830
CMYK	0.01, 0.17, 0.00, 0.48
HSL	297°, 9%, 47%
HSV	297°, 17%, 52%
XYZ	19.0500, 17.5941, 24.1660
YIQ	118.7870, 5.4540, 11.2940

Conversions

Conversions Part 2

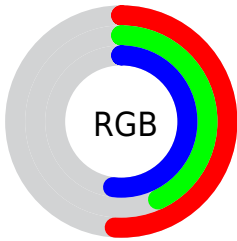
Format	Color
R_{YB}	131, 110, 132
Decimal	8613508
CIE Lab	49.00, 12.44, -9.02
CIE LCh	49, 15.365, 324.043
Yxy	17.5941, 0.3133, 0.2893
Android (android.graphics.Color)	4286803588 (0xFF836E84)
YUV	118.7870, 6.5140, 10.7108
Hunter-Lab	41.9453, 7.6638, -4.7972

Details

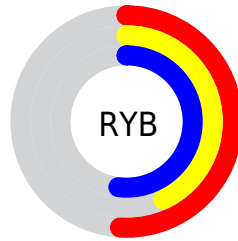
The CIELCh color $49, 15.365, 324.043$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $53, 15.328, 142.295$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 15.081, 323.900$, and $29, 15.728, 322.966$ is the 20% darker color. If you saturate the color by 10%, you get $46, 24.619, 324.541$, and if you desaturate by 10%, it is $53, 6.120, 323.526$.

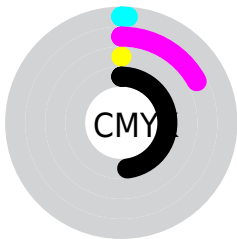
Distribution



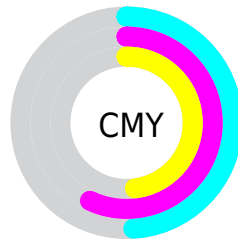
- Red (51%)
- Green (43%)
- Blue (52%)



- Red (51%)
- Yellow (43%)
- Blue (52%)



- Cyan (1%)
- Magenta (17%)
- Yellow (0%)
- Black (48%)





- Cyan (49%)
- Magenta (57%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 15.365, 324.043 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 49, 15.365, 324.043 by changing the saturation by 10% instead.


 49, 15.365,
324.043


 49, 15.365,
324.043


 100, 15.365,
324.043


 39, 15.365,
324.043

 69, 15.365,
324.043


 29, 15.365,
324.043

 79, 15.365,
324.043

 19, 15.365,
324.043

 89, 15.365,
324.043

 9, 15.365, 324.043

 99, 15.365,
324.043

 0, 15.365, 324.043

 49, 15.365,

 49, 15.365,

324.043

46, 24.619,
324.541

42, 33.726,
325.018

39, 42.462,
325.459

36, 50.542,
325.845

34, 57.633,
326.157

32, 63.394,
326.376

31, 67.559,
326.488

30, 70.183,
326.497

324.043

53, 6.120, 323.526

56, 3.004, 143.122

60, 11.938,
142.595

64, 20.642,
142.126

68, 29.097,
141.683

72, 37.295,
141.265

76, 45.239,
140.874

79, 52.935,
140.509

■ 30, 70.982,
326.497

■ 83, 60.396,
140.170

Harmonies

Complementary

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



49, 15.365, 324.043



53, 15.328, 142.295

Rectangle

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



49, 15.365, 324.043



49, 15.365, 14.043



49, 15.365, 144.043



49, 15.365, 194.043

Sweetspot

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



49, 15.363, 324.043



68, 5.655, 323.439



47, 12.360, 289.920



35, 3.890, 323.473



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



49, 15.363, 324.043



61, 22.793, 324.233



49, 11.393, 342.345



26, 5.198, 323.656



29, 70.282, 326.499



0, 1.238, 323.220

Inverse Universe

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



48, 9.227, 16.864



60, 13.853, 17.230



53, 11.212, 159.741



26, 3.052, 16.194



26, 60.753, 36.695



0, 0.709, 15.626

Previews

White Background



This preview shows how the CIELCh color 49, 15.365, 324.043 looks on a white 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

Black Background



This preview shows how the CIELCh color 49, 15.365, 324.043 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 49, 15.365, 324.043

Background



This preview shows how black text looks on a background with the CIELCh color 49, 15.365, 324.043.



This preview shows how white text looks on a background with the CIELCh color 49, 15.365, 324.043.

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


49, 15.365, 324.043

Protanopia

49, 11.774, 286.246

Deuteranopia

49, 11.083, 307.740



Tritanopia
49, 8.691, 343.112

Trichromacy



Original Color
49, 15.365, 324.043

Protanomaly
49, 11.951, 300.877

Deuteranomaly
49, 12.325, 315.808

Tritanomaly
49, 11.224, 333.753

Monochromacy



Original Color
49, 15.365, 324.043

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 5.484, 321.267

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 15.365, 324.043 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, 110, 132)` looks like.

```
.text, #text, p{  
    color:rgb(131, 110, 132)  
}
```

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, 110, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 110, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 15.365, 324.043 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, 110, 132) }
```

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

```
.border{ border-color:rgb(131, 110, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 110, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 110, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 110, 132);  
box-shadow:4px 4px 4px 4px rgb(131, 110,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 15.365, 324.043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 110, 132) }
```

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

```
.background{ background-color: rgb(131,  
110, 132) }
```

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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