

Converting Colors

CIELCh(49, 14.884, 325.274)

Have a look what the booklet for
CIELCh(49, 14.884, 325.274)
contains.

CIELCh(49, 14.884, 325.274)	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, 14.884, 325.274)

Conversions

Conversions Part 1

Format	Color
Hex	836E83
RGB	131, 110, 131
RGB Percent	51%, 43%, 51%
CMY	0.4865, 0.5689, 0.4865
CMYK	0.00, 0.16, 0.00, 0.49
HSL	300°, 9%, 47%
HSV	300°, 16%, 51%
XYZ	19.0101, 17.5941, 23.8422
YIQ	118.6730, 5.7750, 10.9830

Conversions

Conversions Part 2

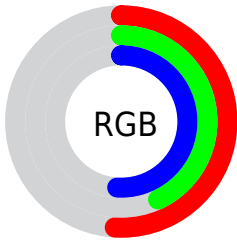
Format	Color
R_{YB}	131, 110, 131
Decimal	8613507
CIE Lab	49.00, 12.23, -8.48
CIE LCh	49, 14.884, 325.274
Yxy	17.5941, 0.3145, 0.2911
Android (android.graphics.Color)	4286803587 (0xFF836E83)
YUV	118.6730, 6.0772, 10.8108
Hunter-Lab	41.9453, 7.4941, -4.3395

Details

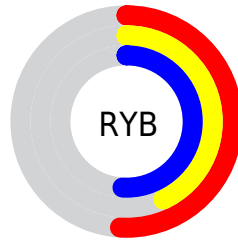
The CIELCh color $49, 14.884, 325.274$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $53, 14.868, 143.498$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 14.629, 325.074$, and $29, 15.197, 324.232$ is the 20% darker color. If you saturate the color by 10%, you get $46, 24.190, 325.801$, and if you desaturate by 10%, it is $53, 5.574, 324.725$.

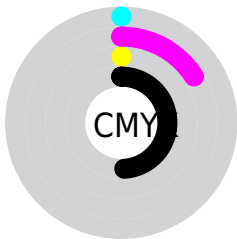
Distribution



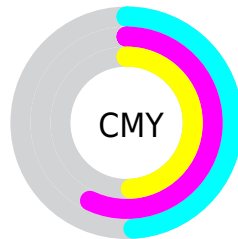
- Red (51%)
- Green (43%)
- Blue (51%)



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



- Cyan (0%)
- Magenta (16%)
- Yellow (0%)
- Black (49%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 14.884, 325.274 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, 14.884, 325.274 by changing the saturation by 10% instead.


 49, 14.884,
325.274


 49, 14.884,
325.274


 100, 14.884,
325.274


 39, 14.884,
325.274

 69, 14.884,
325.274

 29, 14.884,
325.274

 79, 14.884,
325.274

 19, 14.884,
325.274

 89, 14.884,
325.274

 9, 14.884, 325.274

 99, 14.884,
325.274

 0, 14.884, 325.274

 49, 14.884,

 49, 14.884,

325.274

46, 24.190,
325.801

42, 33.330,
326.307

39, 42.073,
326.781

37, 50.130,
327.207

35, 57.173,
327.571

33, 62.877,
327.859

32, 66.996,
328.063

31, 69.564,
328.188

325.274

53, 5.574, 324.725

56, 3.619, 144.288

60, 12.622,
143.740

64, 21.392,
143.241

67, 29.904,
142.767

71, 38.152,
142.318

75, 46.137,
141.896

79, 53.867,
141.500

■ 31, 70.468,
328.232

■ 83, 61.353,
141.131

Harmonies

Complementary

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



49, 14.884, 325.274



53, 14.868, 143.498

Rectangle

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



49, 14.884, 325.274



49, 14.884, 15.274



49, 14.884, 145.274



49, 14.884, 195.274

Sweetspot

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



49, 14.882, 325.274



68, 5.737, 324.671



47, 12.225, 291.205



35, 3.946, 324.707



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, 14.882, 325.274



62, 21.938, 325.455



49, 10.644, 344.044



26, 5.272, 324.901



30, 70.125, 328.232



0, 1.256, 324.438

Inverse Universe

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



48, 8.811, 20.420



61, 13.144, 20.711



53, 10.454, 161.479



26, 3.050, 19.879



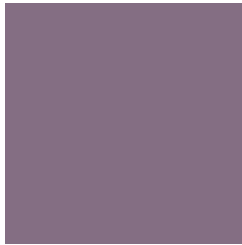
26, 62.119, 38.508



0, 0.707, 19.404

Previews

White Background



This preview shows how the CIELCh color 49, 14.884, 325.274 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, 14.884, 325.274 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, 14.884, 325.274

Background



This preview shows how black text looks on a background with the CIELCh color 49, 14.884, 325.274.



This preview shows how white text looks on a background with the CIELCh color 49, 14.884, 325.274.

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, 14.884, 325.274

Protanopia

49, 11.191, 285.865

Deuteranopia

49, 10.522, 308.617



Tritanopia
49, 8.361, 346.337

Trichromacy



Original Color
49, 14.884, 325.274

Protanomaly
49, 12.020, 302.684

Deuteranomaly
49, 11.797, 316.985

Tritanomaly
49, 10.813, 335.896

Monochromacy



Original Color
49, 14.884, 325.274

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 4.993, 324.703

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 14.884, 325.274 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, 131)` looks like.

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

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, 131) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 49, 14.884, 325.274 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, 131) }
```

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

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

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, 131)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 49, 14.884, 325.274 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, 131) }
```

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

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

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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