

Converting Colors

CIELCh(48, 14.303, 309.096)

Have a look what the booklet for
CIELCh(48, 14.303, 309.096)
contains.

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Color

CIELCh(48, 14.281, 309.090)

Conversions

Conversions Part 1

Format	Color
Hex	796E85
RGB	121, 110, 133
RGB Percent	47%, 43%, 52%
CMY	0.5269, 0.5700, 0.4799
CMYK	0.09, 0.17, 0.00, 0.48
HSL	269°, 9%, 48%
HSV	269°, 17%, 52%
XYZ	17.5774, 16.7945, 24.3691
YIQ	115.9110, -0.8270, 9.4850

Conversions

Conversions Part 2

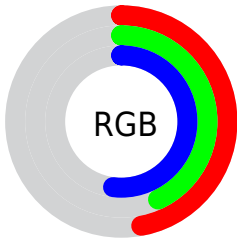
Format	Color
R_{YB}	121, 110, 133
Decimal	7958149
CIE Lab	48.00, 9.00, -11.08
CIE LCh	48, 14.281, 309.090
Yxy	16.7945, 0.2992, 0.2859
Android (android.graphics.Color)	4286148229 (0xFF796E85)
YUV	115.9110, 8.4249, 4.4631
Hunter-Lab	40.9810, 4.8445, -6.5696

Details

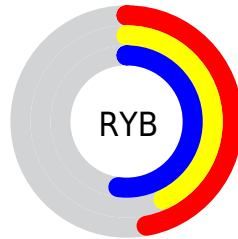
The CIELCh color $48, 14.281, 309.090$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $54, 13.943, 127.541$, and the grayscale version is $49, 0.006, 296.813$.

A 20% lighter version of the original color is $68, 13.882, 308.202$, and $28, 14.291, 309.357$ is the 20% darker color. If you saturate the color by 10%, you get $44, 22.817, 309.603$, and if you desaturate by 10%, it is $52, 5.958, 308.608$.

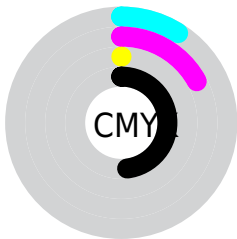
Distribution



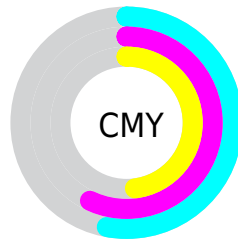
- Red (47%)
- Green (43%)
- Blue (52%)



- Red (47%)
- Yellow (43%)
- Blue (52%)



- Cyan (9%)
- Magenta (17%)
- Yellow (0%)
- Black (48%)




- Cyan (53%)
- Magenta (57%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 14.281, 309.090 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 48, 14.281, 309.090 by changing the saturation by 10% instead.


 48, 14.281,
309.090


 48, 14.281,
309.090


 100, 14.281,
309.090


 38, 14.281,
309.090

 68, 14.281,
309.090


 28, 14.281,
309.090

 78, 14.281,
309.090

 18, 14.281,
309.090

 88, 14.281,
309.090

 8, 14.281, 309.090

 98, 14.281,
309.090

 0, 14.281, 309.090

 48, 14.281,

 48, 14.281,

309.090

44, 22.817,
309.603

40, 31.522,
310.144

35, 40.300,
310.695

32, 48.985,
311.220

28, 57.302,
311.668

25, 64.833,
311.960

22, 71.027,
311.994

20, 75.665,
311.754

309.090

52, 5.958, 308.608

57, 2.127, 128.232

61, 9.968, 127.817

65, 17.568,
127.471

69, 24.936,
127.169

73, 32.081,
126.905

78, 39.015,
126.674

82, 45.749,
126.475

86, 52.295,

■ 19,76.925,
311.723

126.303

Harmonies

Complementary

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



48, 14.281, 309.090



54, 13.943, 127.541

Rectangle

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



48, 14.281, 309.090



48, 14.281, 359.090



48, 14.281, 129.090



48, 14.281, 179.090

Sweetspot

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



48, 14.280, 309.089



68, 5.044, 308.503



51, 7.679, 254.004



35, 3.429, 308.532



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



48, 14.280, 309.089



60, 21.660, 309.298



49, 16.101, 324.418



26, 4.593, 308.693



19, 75.828, 311.744



0, 1.087, 308.300

Inverse Universe

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



49, 11.680, 343.886



61, 17.678, 344.266



53, 16.071, 142.565



26, 3.769, 343.164



27, 51.818, 358.659



0, 0.893, 342.491

Previews

White Background



This preview shows how the CIELCh color 48, 14.281, 309.090 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 48, 14.281, 309.090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

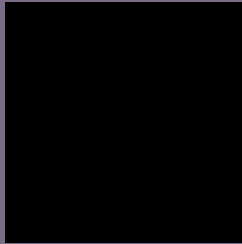
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 14.281, 309.090

Background



This preview shows how black text looks on a background with the CIELCh color 48, 14.281, 309.090.



This preview shows how white text looks on a background with the CIELCh color 48, 14.281, 309.090.

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


48, 14.281, 309.090

Protanopia

48, 12.999, 286.973

Deuteranopia

48, 12.588, 300.516



Tritanopia
48, 6.030, 318.427

Trichromacy



Original Color
48, 14.281, 309.090

Protanomaly
48, 13.024, 295.211

Deuteranomaly
48, 12.731, 303.939

Tritanomaly
48, 9.035, 314.331

Monochromacy



Original Color
48, 14.281, 309.090

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 4.993, 309.328

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 14.281, 309.090 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(121, 110, 133)` looks like.

```
.text, #text, p{  
    color:rgb(121, 110, 133)  
}
```

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(121, 110, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 110, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 14.281, 309.090 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(121, 110, 133) }
```

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

```
.border{ border-color:rgb(121, 110, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 110, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 110, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 110, 133);  
box-shadow:4px 4px 4px 4px rgb(121, 110,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 14.281, 309.090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 110, 133) }
```

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

```
.background{ background-color: rgb(121,  
110, 133) }
```

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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