

Converting Colors

CIELCh(48, 14.967, 356.078)

Have a look what the booklet for
CIELCh(48, 14.967, 356.078)
contains.

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Color

CIELCh(48, 15.052, 356.065)

Conversions

Conversions Part 1

Format	Color
Hex	8A6974
RGB	138, 105, 116
RGB Percent	54%, 41%, 45%
CMY	0.4585, 0.5879, 0.5448
CMYK	0.00, 0.24, 0.16, 0.46
HSL	340°, 14%, 48%
HSV	340°, 24%, 54%
XYZ	18.7139, 16.7945, 18.8047
YIQ	116.1210, 16.1370, 10.4170

Conversions

Conversions Part 2

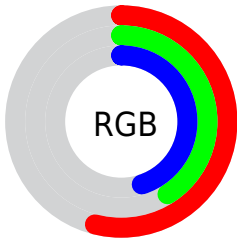
Format	Color
R_{YB}	138, 105, 116
Decimal	9070964
CIE Lab	48.00, 15.02, -1.03
CIE LCh	48, 15.052, 356.065
Yxy	16.7945, 0.3446, 0.3092
Android (android.graphics.Color)	4287261044 (0xFF8A6974)
YUV	116.1210, -0.0597, 19.1879
Hunter-Lab	40.9810, 9.7947, 1.4808

Details

The CIELCh color $48, 15.052, 356.065$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $55, 14.180, 171.487$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $68, 15.342, 355.529$, and $28, 14.566, 356.248$ is the 20% darker color. If you saturate the color by 10%, you get $44, 21.606, 357.350$, and if you desaturate by 10%, it is $52, 8.614, 354.956$.

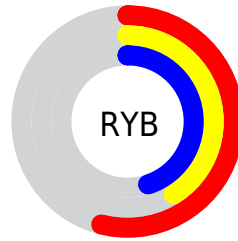
Distribution



Red (54%)

Green (41%)

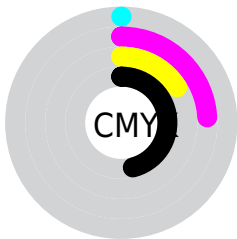
Blue (45%)



Red (54%)

Yellow (41%)

Blue (45%)

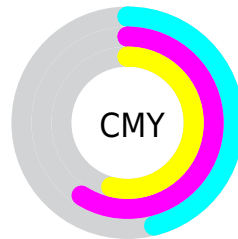


Cyan (0%)

Magenta (24%)

Yellow (16%)

Black (46%)



Cyan (46%)


Magenta (59%)


Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 15.052, 356.065 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, 15.052, 356.065 by changing the saturation by 10% instead.


 48, 15.052,
356.065


 48, 15.052,
356.065


 100, 15.052,
356.065


 38, 15.052,
356.065

 68, 15.052,
356.065


 28, 15.052,
356.065

 78, 15.052,
356.065

 18, 15.052,
356.065


 88, 15.052,
356.065

 8, 15.052, 356.065

 98, 15.052,
356.065

 0, 15.052, 356.065

 48, 15.052,

 48, 15.052,

356.065

44, 21.606,
357.350

41, 28.151,
358.865

37, 34.489, 0.698

34, 40.361, 2.961

32, 45.478, 5.797

30, 49.601, 9.369

29, 52.673, 13.794

28, 54.465, 16.589

356.065

52, 8.614, 354.956

56, 2.374, 353.891

60, 3.629, 173.292

64, 9.382, 172.473

68, 14.888,
171.773

72, 20.157,
171.142

77, 25.205,
170.567

81, 30.049,
170.038

85, 34.709,
169.550

Harmonies

Complementary

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



48, 15.052, 356.065



55, 14.180, 171.487

Rectangle

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



48, 15.052, 356.065



48, 15.052, 46.065



48, 15.052, 176.065



48, 15.052, 226.065

Sweetspot

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



48, 15.050, 356.068



69, 5.285, 354.257



48, 21.302, 315.651



36, 3.424, 354.306



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



48, 15.050, 356.068



59, 22.690, 356.776



49, 12.272, 35.759



27, 3.459, 354.465



27, 52.842, 16.354



0, 1.580, 353.693

Inverse Universe

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



48, 15.050, 356.068



59, 22.690, 356.776



54, 10.480, 216.227



27, 3.459, 354.465



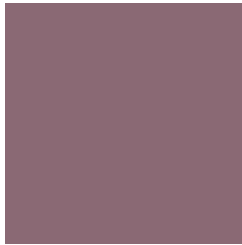
27, 52.842, 16.354



0, 1.580, 353.693

Previews

White Background



This preview shows how the CIELCh color 48, 15.052, 356.065 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 CIE LCh color 48, 15.052, 356.065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

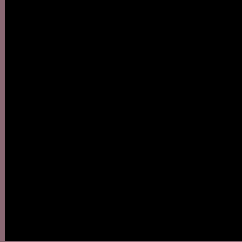
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 48, 15.052, 356.065

Background



This preview shows how black text looks on a background with the CIELCh color 48, 15.052, 356.065.



This preview shows how white text looks on a background with the CIELCh color 48, 15.052, 356.065.

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, 15.052, 356.065

Protanopia

48, 4.746, 295.592

Deuteranopia

48, 6.215, 357.936



Tritanopia
48, 14.671, 0.302

Trichromacy



Original Color
48, 15.052, 356.065

Protanomaly
48, 7.494, 335.263

Deuteranomaly
48, 9.349, 358.468

Tritanomaly
48, 14.850, 358.155

Monochromacy



Original Color
48, 15.052, 356.065

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 5.449, 354.504

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 15.052, 356.065 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(138, 105, 116)` looks like.

```
.text, #text, p{  
    color:rgb(138, 105, 116)  
}
```

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(138, 105, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 105, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 15.052, 356.065 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(138, 105, 116) }
```

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

```
.border{ border-color:rgb(138, 105, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 105, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 105, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 105, 116);  
box-shadow:4px 4px 4px 4px rgb(138, 105,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 15.052, 356.065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 105, 116) }
```

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

```
.background{ background-color: rgb(138,  
105, 116) }
```

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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