

Converting Colors

CIELCh(48, 19.378, 355.138)

Have a look what the booklet for
CIELCh(48, 19.378, 355.138)
contains.

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Color

CIELCh(48, 19.350, 355.114)

Conversions

Conversions Part 1

Format	Color
Hex	906675
RGB	144, 102, 117
RGB Percent	56%, 40%, 46%
CMY	0.4343, 0.5990, 0.5402
CMYK	0.00, 0.29, 0.19, 0.43
HSL	339°, 17%, 48%
HSV	339°, 29%, 57%
XYZ	19.5488, 16.7945, 19.1180
YIQ	116.2680, 20.2170, 13.5690

Conversions

Conversions Part 2

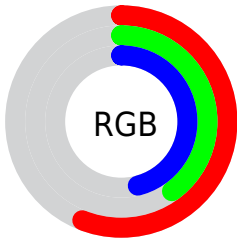
Format	Color
R_{YB}	144, 102, 117
Decimal	9463413
CIE _{Lab}	48.00, 19.28, -1.65
CIE _{LCh}	48, 19.350, 355.114
Yxy	16.7945, 0.3525, 0.3028
Android (android.graphics.Color)	4287653493 (0xFF906675)
YUV	116.2680, 0.3609, 24.3210
Hunter-Lab	40.9810, 13.4314, 1.0275

Details

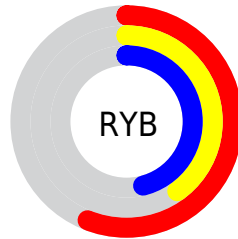
The CIELCh color $48, 19.350, 355.114$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $57, 18.096, 169.365$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $68, 19.395, 354.509$, and $28, 19.808, 354.747$ is the 20% darker color. If you saturate the color by 10%, you get $44, 26.193, 356.487$, and if you desaturate by 10%, it is $52, 12.542, 353.940$.

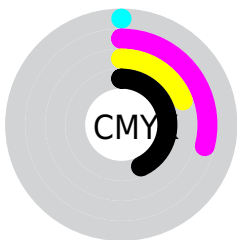
Distribution



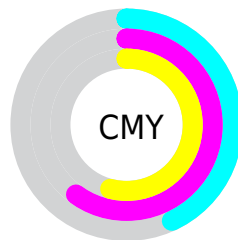
- Red (56%)
- Green (40%)
- Blue (46%)



- Red (56%)
- Yellow (40%)
- Blue (46%)



- Cyan (0%)
- Magenta (29%)
- Yellow (19%)
- Black (43%)





- Cyan (43%)
- Magenta (60%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 19.350, 355.114 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, 19.350, 355.114 by changing the saturation by 10% instead.


 48, 19.350,
355.114


 48, 19.350,
355.114


 100, 19.350,
355.114


 38, 19.350,
355.114

 68, 19.350,
355.114


 28, 19.350,
355.114

 78, 19.350,
355.114

 18, 19.350,
355.114


 88, 19.350,
355.114

 8, 19.350, 355.114

 98, 19.350,
355.114

 0, 19.350, 355.114

 48, 19.350,

 48, 19.350,

355.114

355.114

44, 26.193,
356.487

52, 12.542,
353.940

41, 32.899,
358.121

56, 5.887, 352.894

37, 39.216, 0.113

60, 0.551, 172.712

35, 44.842, 2.592

65, 6.742, 171.312

33, 49.480, 5.714

69, 12.679,
170.565

31, 52.953, 9.639

73, 18.368,
169.899

30, 55.616, 14.221

77, 23.820,
169.294

30, 55.867, 14.612

82, 29.054,
168.738

86, 34.087,

Harmonies

Complementary

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



48, 19.350, 355.114



57, 18.096, 169.365

Rectangle

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



48, 19.350, 355.114



48, 19.350, 45.114



48, 19.350, 175.114



48, 19.350, 225.114

Sweetspot

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



48, 19.348, 355.117



72, 7.231, 352.901



47, 26.832, 314.809



37, 5.020, 353.034



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



48, 19.348, 355.117



59, 29.115, 355.998



49, 16.224, 32.731



28, 3.613, 352.898



28, 53.225, 14.253



0, 2.403, 352.127

Inverse Universe

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



48, 19.348, 355.117



59, 29.115, 355.998



55, 13.286, 212.321



28, 3.613, 352.898



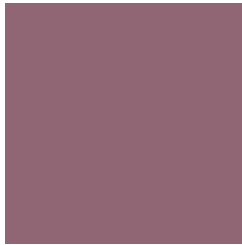
28, 53.225, 14.253



0, 2.403, 352.127

Previews

White Background



This preview shows how the CIELCh color 48, 19.350, 355.114 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, 19.350, 355.114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

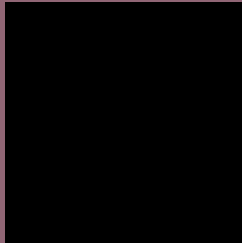
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 19.350, 355.114

Background



This preview shows how black text looks on a background with the CIELCh color 48, 19.350, 355.114.



This preview shows how white text looks on a background with the CIELCh color 48, 19.350, 355.114.

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, 19.350, 355.114

Protanopia

48, 6.493, 291.052

Deuteranopia

48, 6.449, 353.083



Tritanopia
48, 17.833, 6.627

Trichromacy



Original Color
48, 19.350, 355.114

Protanomaly
48, 9.781, 328.970

Deuteranomaly
48, 10.937, 355.403

Tritanomaly
48, 18.061, 2.994

Monochromacy



Original Color
48, 19.350, 355.114

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 6.808, 354.724

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 19.350, 355.114 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(144, 102, 117)` looks like.

```
.text, #text, p{  
    color:rgb(144, 102, 117)  
}
```

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(144, 102, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 102, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 19.350, 355.114 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(144, 102, 117) }
```

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

```
.border{ border-color:rgb(144, 102, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 102, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 102, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 102, 117);  
box-shadow:4px 4px 4px 4px rgb(144, 102,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 19.350, 355.114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 102, 117) }
```

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

```
.background{ background-color: rgb(144,  
102, 117) }
```

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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