

Converting Colors

CIELCh(48, 26.983, 357.944)

Have a look what the booklet for
CIELCh(48, 26.983, 357.944)
contains.

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Color

CIELCh(48, 27.191, 358.065)

Conversions

Conversions Part 1

Format	Color
Hex	9C6074
RGB	156, 96, 116
RGB Percent	61%, 38%, 45%
CMY	0.3869, 0.6223, 0.5438
CMYK	0.00, 0.38, 0.26, 0.39
HSL	340°, 24%, 50%
HSV	340°, 38%, 61%
XYZ	21.1601, 16.7945, 18.7466
YIQ	116.2200, 29.3400, 18.9400

Conversions

Conversions Part 2

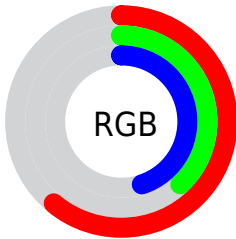
Format	Color
R _Y B	156, 96, 116
Decimal	10248308
CIE Lab	48.00, 27.18, -0.92
CIE LCh	48, 27.191, 358.065
Yxy	16.7945, 0.3732, 0.2962
Android (android.graphics.Color)	4288438388 (0xFF9C6074)
YUV	116.2200, -0.1085, 34.8871
Hunter-Lab	40.9810, 20.4497, 1.5648

Details

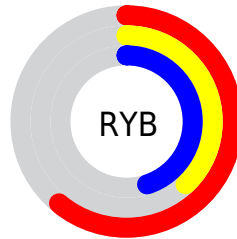
The CIELCh color $48, 27.191, 358.065$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $60, 24.635, 169.854$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $68, 27.539, 357.751$, and $28, 27.145, 358.102$ is the 20% darker color. If you saturate the color by 10%, you get $44, 34.351, 359.746$, and if you desaturate by 10%, it is $52, 19.916, 356.666$.

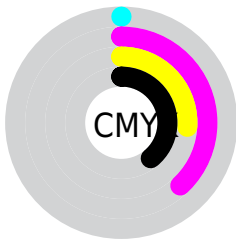
Distribution



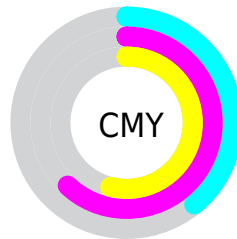
- Red (61%)
- Green (38%)
- Blue (45%)



- Red (61%)
- Yellow (38%)
- Blue (45%)



- Cyan (0%)
- Magenta (38%)
- Yellow (26%)
- Black (39%)



- Cyan (39%)
- Magenta (62%)
- Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 27.191, 358.065 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, 27.191, 358.065 by changing the saturation by 10% instead.

 48, 27.191,
358.065


 48, 27.191,
358.065


 100, 27.191,
358.065


 38, 27.191,
358.065

 68, 27.191,
358.065


 28, 27.191,
358.065

 78, 27.191,
358.065

 18, 27.191,
358.065

 88, 27.191,
358.065

 8, 27.191, 358.065

 98, 27.191,
358.065

 0, 27.191, 358.065

 48, 27.191,

 48, 27.191,

358.065

358.065

44, 34.351,
359.746

52, 19.916,
356.666

41, 41.143, 1.804

56, 12.716,
355.468

38, 47.248, 4.373

61, 5.701, 354.403

35, 52.354, 7.614

65, 1.065, 173.933

34, 56.276, 11.686

70, 7.555, 172.815

33, 59.276, 16.507

74, 13.765,
172.068

33, 59.785, 17.268

79, 19.705,
171.404

84, 25.389,
170.800

88, 30.838,

Harmonies

Complementary

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



48, 27.191, 358.065



60, 24.635, 169.854

Rectangle

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



48, 27.191, 358.065



48, 27.191, 48.065



48, 27.191, 178.065



48, 27.191, 228.065

Sweetspot

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



48, 27.189, 358.067



75, 10.195, 354.803



47, 38.202, 316.285



39, 6.761, 354.927



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



48, 27.189, 358.067



58, 40.562, 359.475



50, 23.178, 36.250



31, 3.882, 354.493



29, 55.849, 16.786



1, 4.948, 354.857

Inverse Universe

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



48, 27.189, 358.067



58, 40.562, 359.475



58, 17.619, 216.979



31, 3.882, 354.493



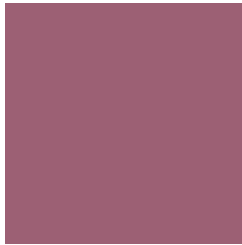
29, 55.849, 16.786



1, 4.948, 354.857

Previews

White Background



This preview shows how the CIELCh color 48, 27.191, 358.065 looks on a white background.

Color Contrast Check

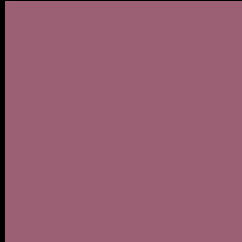
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 48, 27.191, 358.065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

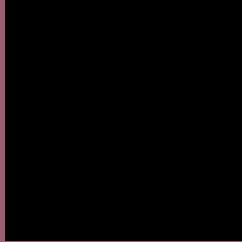
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 27.191, 358.065

Background



This preview shows how black text looks on a background with the CIELCh color 48, 27.191, 358.065.



This preview shows how white text looks on a background with the CIELCh color 48, 27.191, 358.065.

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, 27.191, 358.065

Protanopia

48, 7.663, 288.313

Deuteranopia

48, 6.031, 3.131



Tritanopia
48, 24.745, 12.045

Trichromacy



Original Color
48, 27.191, 358.065

Protanomaly
48, 12.237, 334.766

Deuteranomaly
48, 13.477, 358.142

Tritanomaly
48, 25.469, 5.807

Monochromacy



Original Color
48, 27.191, 358.065

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 10.175, 353.239

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 27.191, 358.065 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(156, 96, 116)` looks like.

```
.text, #text, p{  
    color:rgb(156, 96, 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(156, 96, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 96, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 27.191, 358.065 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(156, 96, 116) }
```

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

```
.border{ border-color:rgb(156, 96, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 96, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 96, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 96, 116);  
box-shadow:4px 4px 4px 4px rgb(156, 96,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 27.191, 358.065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 96, 116) }
```

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

```
.background{ background-color: rgb(156, 96,  
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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