

Converting Colors

CIELCh(48, 20.647, 354.580)

Have a look what the booklet for
CIELCh(48, 20.647, 354.580)
contains.

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Color

CIELCh(48, 20.917, 353.958)

Conversions

Conversions Part 1

Format	Color
Hex	926576
RGB	146, 101, 118
RGB Percent	57%, 40%, 46%
CMY	0.4265, 0.6031, 0.5364
CMYK	0.00, 0.31, 0.19, 0.43
HSL	337°, 18%, 49%
HSV	337°, 31%, 57%
XYZ	19.8526, 16.7945, 19.4029
YIQ	116.3930, 21.3630, 14.8270

Conversions

Conversions Part 2

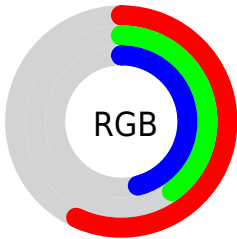
Format	Color
R_{YB}	146, 101, 118
Decimal	9594230
CIE Lab	48.00, 20.80, -2.20
CIE LCh	48, 20.917, 353.958
Yxy	16.7945, 0.3542, 0.2996
Android (android.graphics.Color)	4287784310 (0xFF926576)
YUV	116.3930, 0.7923, 25.9653
Hunter-Lab	40.9810, 14.7547, 0.6153

Details

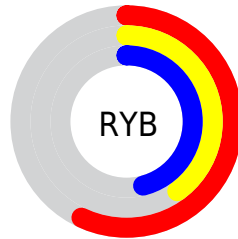
The CIELCh color $48, 20.917, 353.958$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $57, 19.597, 167.869$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $68, 21.231, 353.930$, and $28, 21.072, 353.005$ is the 20% darker color. If you saturate the color by 10%, you get $44, 27.860, 355.338$, and if you desaturate by 10%, it is $52, 13.965, 352.777$.

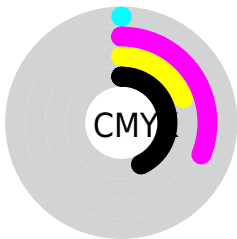
Distribution



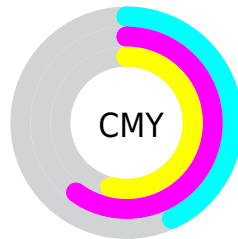
- Red (57%)
- Green (40%)
- Blue (46%)



- Red (57%)
- Yellow (40%)
- Blue (46%)



- Cyan (0%)
- Magenta (31%)
- Yellow (19%)
- Black (43%)





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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 20.917, 353.958 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, 20.917, 353.958 by changing the saturation by 10% instead.


 48, 20.917,
353.958


 48, 20.917,
353.958


 100, 20.917,
353.958


 38, 20.917,
353.958


 68, 20.917,
353.958


 28, 20.917,
353.958


 78, 20.917,
353.958

 18, 20.917,
353.958

 88, 20.917,
353.958

 8, 20.917, 353.958

 98, 20.917,
353.958

 0, 20.917, 353.958

 48, 20.917,

 48, 20.917,

353.958

353.958

44, 27.860,
355.338

52, 13.965,
352.777

41, 34.603,
356.982

56, 7.138, 351.730

38, 40.873,
358.987

60, 0.513, 350.180

65, 5.874, 170.129

35, 46.351, 1.483

69, 12.010,
169.367

33, 50.741, 4.628

73, 17.895,
168.691

31, 53.888, 8.583

78, 23.542,
168.077

30, 56.154, 12.732

82, 28.966,
167.513

86, 34.184,

Harmonies

Complementary

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



48, 20.917, 353.958



57, 19.597, 167.869

Rectangle

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



48, 20.917, 353.958



48, 20.917, 43.958



48, 20.917, 173.958



48, 20.917, 223.958

Sweetspot

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



48, 20.915, 353.960



73, 7.398, 351.570



47, 28.621, 314.346



38, 5.192, 351.705



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



48, 20.915, 353.960



59, 31.433, 354.900



49, 17.684, 31.308



29, 3.765, 351.573



28, 53.713, 12.413



1, 3.245, 350.804

Inverse Universe

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



48, 20.915, 353.960



59, 31.433, 354.900



56, 14.289, 210.362



29, 3.765, 351.573



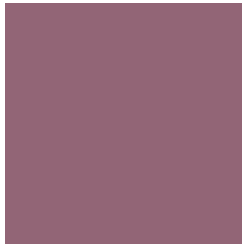
28, 53.713, 12.413



1, 3.245, 350.804

Previews

White Background



This preview shows how the CIELCh color 48, 20.917, 353.958 looks on a white background.

Color Contrast Check

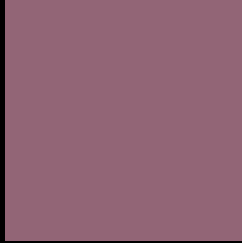
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.917, 353.958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

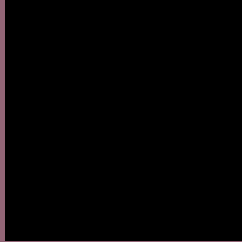
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 48, 20.917, 353.958

Background



This preview shows how black text looks on a background with the CIELCh color 48, 20.917, 353.958.

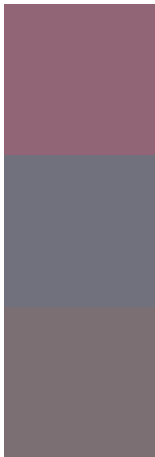


This preview shows how white text looks on a background with the CIELCh color 48, 20.917, 353.958.

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, 20.917, 353.958

Protanopia
48, 7.671, 291.206

Deuteranopia
48, 6.085, 351.244



Tritanopia
48, 18.169, 8.856

Trichromacy



Original Color
48, 20.917, 353.958

Protanomaly
48, 10.482, 328.745

Deuteranomaly
48, 11.817, 351.136

Tritanomaly
48, 19.027, 2.285

Monochromacy



Original Color
48, 20.917, 353.958

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 7.806, 353.572

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 20.917, 353.958 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(146, 101, 118)` looks like.

```
.text, #text, p{  
    color:rgb(146, 101, 118)  
}
```

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(146, 101, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 101, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 20.917, 353.958 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(146, 101, 118) }
```

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

```
.border{ border-color:rgb(146, 101, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 101, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 101, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 101, 118);  
box-shadow:4px 4px 4px 4px rgb(146, 101,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 20.917, 353.958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 101, 118) }
```

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

```
.background{ background-color: rgb(146,  
101, 118) }
```

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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