

Converting Colors

CIELCh(48, 19.986, 347.044)

Have a look what the booklet for
CIELCh(48, 19.986, 347.044)
contains.

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Color

CIELCh(48, 20.281, 346.902)

Conversions

Conversions Part 1

Format	Color
Hex	8F667A
RGB	143, 102, 122
RGB Percent	56%, 40%, 48%
CMY	0.4386, 0.5994, 0.5210
CMYK	0.00, 0.29, 0.15, 0.44
HSL	331°, 17%, 48%
HSV	331°, 29%, 56%
XYZ	19.6431, 16.7945, 20.6678
YIQ	116.5390, 18.0160, 14.9120

Conversions

Conversions Part 2

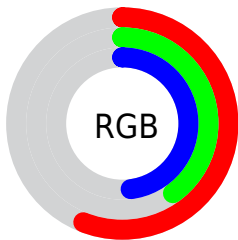
Format	Color
R_{YB}	143, 102, 122
Decimal	9397882
CIE _{Lab}	48.00, 19.75, -4.60
CIE _{LCh}	48, 20.281, 346.902
Yxy	16.7945, 0.3440, 0.2941
Android (android.graphics.Color)	4287587962 (0xFF8F667A)
YUV	116.5390, 2.6923, 23.2063
Hunter-Lab	40.9810, 13.8420, -1.2147

Details

The CIELCh color $48, 20.281, 346.902$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $56, 19.551, 161.750$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $68, 20.308, 346.908$, and $28, 20.504, 347.408$ is the 20% darker color. If you saturate the color by 10%, you get $44, 27.404, 348.046$, and if you desaturate by 10%, it is $52, 13.102, 345.893$.

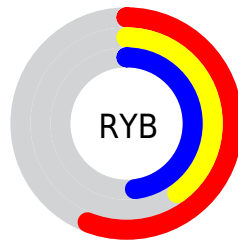
Distribution



Red (56%)

Green (40%)

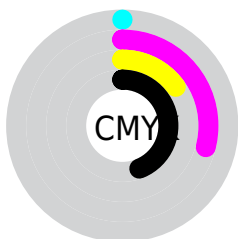
Blue (48%)



Red (56%)

Yellow (40%)

Blue (48%)

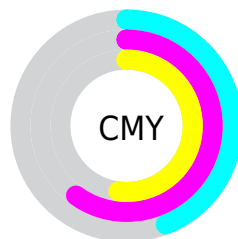


Cyan (0%)

Magenta (29%)

Yellow (15%)

Black (44%)



Cyan (44%)


Magenta (60%)


Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 20.281, 346.902 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, 20.281, 346.902 by changing the saturation by 10% instead.


 48, 20.281,
346.902


 48, 20.281,
346.902


 100, 20.281,
346.902


 38, 20.281,
346.902

 68, 20.281,
346.902


 28, 20.281,
346.902

 78, 20.281,
346.902

 18, 20.281,
346.902

 88, 20.281,
346.902

 8, 20.281, 346.902

 98, 20.281,
346.902

 0, 20.281, 346.902

 48, 20.281,

 48, 20.281,

346.902

346.902

44, 27.404,
348.046

52, 13.102,
345.893

41, 34.277,
349.367

56, 6.008, 344.969

38, 40.622,
350.932

60, 0.923, 164.561

64, 7.646, 163.517

35, 46.104,
352.830

68, 14.142,
162.819

33, 50.384,
355.186

73, 20.408,
162.186

31, 53.220,
358.147

77, 26.450,
161.603

30, 54.883, 1.705

81, 32.280,
161.061

30, 55.117, 2.188

85, 37.912,

Harmonies

Complementary

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



48, 20.281, 346.902



56, 19.551, 161.750

Rectangle

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



48, 20.281, 346.902



48, 20.281, 36.902



48, 20.281, 166.902



48, 20.281, 216.902

Sweetspot

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



48, 20.279, 346.904



71, 7.755, 345.019



47, 25.593, 310.411



37, 5.440, 345.139



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, 20.279, 346.904



59, 29.877, 347.579



47, 17.762, 21.649



28, 3.919, 345.018



28, 52.881, 1.937



1, 2.617, 344.313

Inverse Universe

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



48, 20.279, 346.904



59, 29.877, 347.579



57, 14.710, 198.024



28, 3.919, 345.018



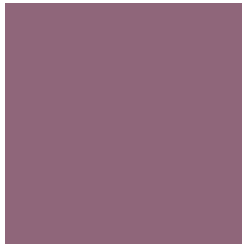
28, 52.881, 1.937



1, 2.617, 344.313

Previews

White Background



This preview shows how the CIELCh color 48, 20.281, 346.902 looks on a white background.

Color Contrast Check

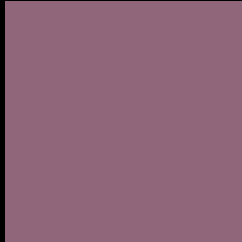
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.281, 346.902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

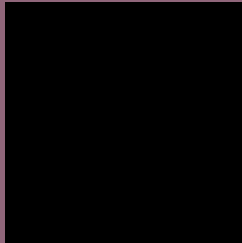
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 20.281, 346.902

Background



This preview shows how black text looks on a background with the CIELCh color 48, 20.281, 346.902.



This preview shows how white text looks on a background with the CIELCh color 48, 20.281, 346.902.

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, 20.281, 346.902

Protanopia
48, 9.441, 289.118

Deuteranopia
48, 7.396, 327.466



Tritanopia
48, 16.569, 5.237

Trichromacy



Original Color
48, 20.281, 346.902

Protanomaly
48, 12.024, 318.723

Deuteranomaly
48, 11.750, 340.314

Tritanomaly
48, 17.783, 356.507

Monochromacy



Original Color
48, 20.281, 346.902

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 7.367, 346.433

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 20.281, 346.902 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(143, 102, 122)` looks like.

```
.text, #text, p{  
    color:rgb(143, 102, 122)  
}
```

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(143, 102, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 102, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 20.281, 346.902 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(143, 102, 122) }
```

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

```
.border{ border-color:rgb(143, 102, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 102, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 102, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 102, 122);  
box-shadow:4px 4px 4px 4px rgb(143, 102,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 20.281, 346.902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 102, 122) }
```

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

```
.background{ background-color: rgb(143,  
102, 122) }
```

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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