

Converting Colors

CIELCh(47, 17.222, 357.032)

Have a look what the booklet for
CIELCh(47, 17.222, 357.032)
contains.

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Color

CIELCh(47, 17.259, 357.692)

Conversions

Conversions Part 1

Format	Color
Hex	8B6571
RGB	139, 101, 113
RGB Percent	55%, 40%, 44%
CMY	0.4545, 0.6035, 0.5565
CMYK	0.00, 0.27, 0.19, 0.45
HSL	341°, 16%, 47%
HSV	341°, 27%, 55%
XYZ	18.3149, 16.0195, 17.7794
YIQ	113.7300, 18.7960, 11.7880

Conversions

Conversions Part 2

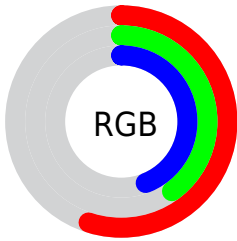
Format	Color
R_{YB}	139, 101, 113
Decimal	9135473
CIE Lab	47.00, 17.24, -0.70
CIE LCh	47, 17.259, 357.692
Yxy	16.0195, 0.3514, 0.3074
Android (android.graphics.Color)	4287325553 (0xFF8B6571)
YUV	113.7300, -0.3599, 22.1618
Hunter-Lab	40.0243, 11.6382, 1.6794

Details

The CIELCh color $47, 17.259, 357.692$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $55, 16.038, 172.310$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 17.394, 356.931$, and $27, 16.976, 358.428$ is the 20% darker color. If you saturate the color by 10%, you get $43, 23.843, 359.071$, and if you desaturate by 10%, it is $51, 10.768, 356.517$.

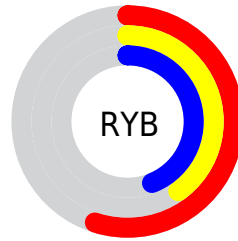
Distribution



Red (55%)

Green (40%)

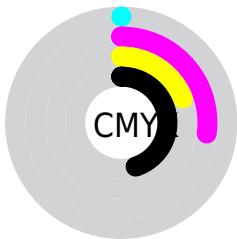
Blue (44%)



Red (55%)

Yellow (40%)

Blue (44%)

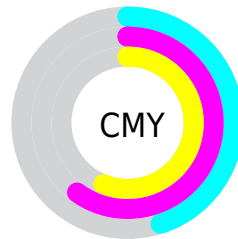


Cyan (0%)

Magenta (27%)

Yellow (19%)

Black (45%)



Cyan (45%)

Magenta (60%)

Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 17.259, 357.692 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 47, 17.259, 357.692 by changing the saturation by 10% instead.

 47, 17.259,
357.692


 47, 17.259,
357.692

 100, 17.259,
357.692


 37, 17.259,
357.692

 67, 17.259,
357.692


 27, 17.259,
357.692

 77, 17.259,
357.692

 17, 17.259,
357.692


 87, 17.259,
357.692

 7, 17.259, 357.692

 97, 17.259,
357.692

 0, 17.259, 357.692

 47, 17.259,

 47, 17.259,

357.692

357.692

43, 23.843,
359.071

51, 10.768,
356.517

40, 30.376, 0.716

55, 4.467, 355.461

37, 36.641, 2.727

59, 1.597, 174.881

34, 42.367, 5.230

63, 7.406, 173.914

32, 47.274, 8.380

67, 12.959,
173.184

30, 51.175, 12.330

72, 18.267,
172.532

29, 54.243, 17.019

76, 23.344,
171.941

29, 55.110, 18.243

80, 28.209,
171.399

84, 32.880,

Harmonies

Complementary

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



47, 17.259, 357.692



55, 16.038, 172.310

Rectangle

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



47, 17.259, 357.692



47, 17.259, 47.692



47, 17.259, 177.692



47, 17.259, 227.692

Sweetspot

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



47, 17.257, 357.695



70, 6.065, 355.550



47, 24.650, 316.332



36, 4.355, 355.693



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



47, 17.257, 357.695



58, 26.054, 358.548



48, 14.155, 37.494



27, 3.427, 355.651



27, 53.167, 17.963



0, 1.564, 354.876

Inverse Universe

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



47, 17.257, 357.695



58, 26.054, 358.548



53, 11.800, 218.473



27, 3.427, 355.651



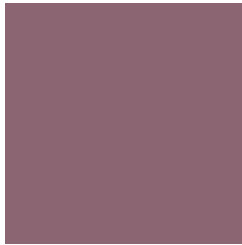
27, 53.167, 17.963



0, 1.564, 354.876

Previews

White Background



This preview shows how the CIELCh color 47, 17.259, 357.692 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 47, 17.259, 357.692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

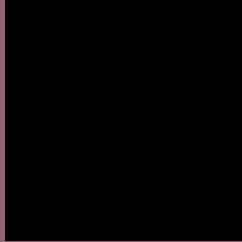
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 17.259, 357.692

Background



This preview shows how black text looks on a background with the CIELCh color 47, 17.259, 357.692.



This preview shows how white text looks on a background with the CIELCh color 47, 17.259, 357.692.

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

47, 17.259, 357.692

Protanopia

47, 4.761, 295.600

Deuteranopia

47, 6.245, 357.961



Tritanopia
47, 16.214, 4.787

Trichromacy



Original Color
47, 17.259, 357.692

Protanomaly
47, 8.514, 336.472

Deuteranomaly
47, 10.390, 357.359

Tritanomaly
47, 16.342, 2.786

Monochromacy



Original Color
47, 17.259, 357.692

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 6.469, 353.099

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 17.259, 357.692 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(139, 101, 113)` looks like.

```
.text, #text, p{  
    color:rgb(139, 101, 113)  
}
```

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(139, 101, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 101, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 17.259, 357.692 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(139, 101, 113) }
```

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

```
.border{ border-color:rgb(139, 101, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 101, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 101, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 101, 113);  
box-shadow:4px 4px 4px 4px rgb(139, 101,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 17.259, 357.692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 101, 113) }
```

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

```
.background{ background-color: rgb(139,  
101, 113) }
```

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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