

Converting Colors

CIELCh(47, 15.257, 150.505)

Have a look what the booklet for
CIELCh(47, 15.257, 150.505)
contains.

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Color

CIELCh(47, 15.257, 150.504)

Conversions

Conversions Part 1

Format	Color
Hex	5C7562
RGB	92, 117, 98
RGB Percent	36%, 46%, 38%
CMY	0.6375, 0.5394, 0.6139
CMYK	0.21, 0.00, 0.16, 0.54
HSL	134°, 12%, 41%
HSV	134°, 21%, 46%
XYZ	13.0997, 16.0195, 14.0681
YIQ	107.3590, -8.8010, -11.2090

Conversions

Conversions Part 2

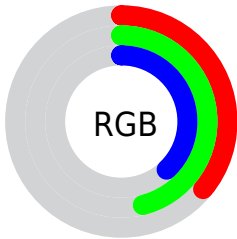
Format	Color
R_{YB}	92, 112, 117
Decimal	6059362
CIE _{Lab}	47.00, -13.28, 7.51
CIE _{LCh}	47, 15.257, 150.504
Yxy	16.0195, 0.3033, 0.3709
Android (android.graphics.Color)	4284249442 (0xFF5C7562)
YUV	107.3590, -4.6140, -13.4698
Hunter-Lab	40.0243, -11.6206, 7.1772

Details

The CIELCh color $47, 15.257, 150.504$ is a dark color, and the websafe version is hex `336666`. A complement of this color would be $42, 15.341, 333.284$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 14.924, 150.596$, and $27, 15.414, 151.455$ is the 20% darker color. If you saturate the color by 10%, you get $46, 22.406, 149.644$, and if you desaturate by 10%, it is $48, 8.067, 151.260$.

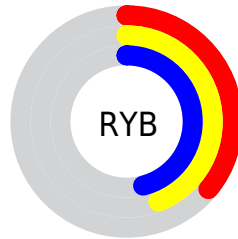
Distribution



Red (36%)

Green (46%)

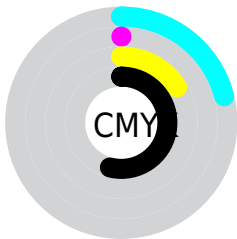
Blue (38%)



Red (36%)

Yellow (44%)

Blue (46%)

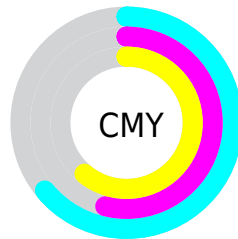


Cyan (21%)

Magenta (0%)

Yellow (16%)

Black (54%)



Cyan (64%)


Magenta (54%)


Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 15.257, 150.504 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, 15.257, 150.504 by changing the saturation by 10% instead.


 47, 15.257,
150.504


 47, 15.257,
150.504


 100, 15.257,
150.504


 37, 15.257,
150.504

 67, 15.257,
150.504


 27, 15.257,
150.504

 77, 15.257,
150.504

 17, 15.257,
150.504

 87, 15.257,
150.504

 7, 15.257, 150.504

 97, 15.257,
150.504

 0, 15.257, 150.504

 47, 15.257,

 47, 15.257,

150.504

■ 46, 22.406,
149.644

■ 45, 29.407,
148.659

■ 44, 36.142,
147.532

■ 44, 42.478,
146.249

■ 43, 48.278,
144.811

■ 43, 53.416,
143.233

■ 43, 57.783,
141.560

■ 43, 61.056,
140.256

150.504

■ 48, 8.067, 151.260

■ 49, 0.916, 152.119

■ 51, 6.134, 332.416

■ 52, 13.036,
332.937

■ 53, 19.762,
333.388

■ 55, 26.291,
333.788

■ 57, 32.616,
334.146

■ 58, 38.735,
334.469

■ 60, 44.649,

Harmonies

Complementary

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



47, 15.257, 150.504



42, 15.341, 333.284

Rectangle

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



47, 15.257, 150.504



47, 15.257, 200.504



47, 15.257, 330.504



47, 15.257, 20.504

Sweetspot

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



47, 15.258, 150.504



62, 5.303, 151.628



48, 14.809, 117.967



32, 3.498, 151.594



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



47, 15.258, 150.504



60, 23.132, 150.057



47, 10.634, 176.416



24, 4.009, 151.422



44, 63.010, 140.170



86, 109.448, 139.136

Inverse Universe

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



42, 15.341, 333.284



53, 23.274, 333.645



42, 11.360, 0.382



23, 4.024, 332.480



27, 56.176, 340.138



56, 94.376, 340.980

Previews

White Background



This preview shows how the CIELCh color 47, 15.257, 150.504 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 47, 15.257, 150.504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

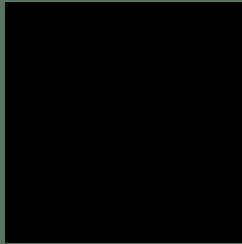
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 15.257, 150.504

Background



This preview shows how black text looks on a background with the CIELCh color 47, 15.257, 150.504.



This preview shows how white text looks on a background with the CIELCh color 47, 15.257, 150.504.

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, 15.257, 150.504

Protanopia

47, 9.770, 93.487

Deuteranopia

47, 8.913, 43.522



Tritanopia
47, 8.218, 239.470

Trichromacy



Original Color
47, 15.257, 150.504

Protanomaly
47, 10.238, 120.758

Deuteranomaly
47, 6.603, 98.177

Tritanomaly
47, 7.819, 194.198

Monochromacy



Original Color
47, 15.257, 150.504

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 5.150, 155.160

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 15.257, 150.504 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(92, 117, 98)` looks like.

```
.text, #text, p{  
    color:rgb(92, 117, 98)  
}
```

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(92, 117, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 117, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 15.257, 150.504 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(92, 117, 98) }
```

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

```
.border{ border-color:rgb(92, 117, 98) }
```

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

Here you see how a box with a 4 pixel rgb(92, 117, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 117, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 117, 98);  
box-shadow:4px 4px 4px 4px rgb(92, 117,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 15.257, 150.504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 117, 98) }
```

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

```
.background{ background-color: rgb(92, 117,  
98) }
```

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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