

Converting Colors

CIELCh(47, 15.495, 234.923)

Have a look what the booklet for
CIELCh(47, 15.495, 234.923)
contains.

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Color

CIELCh(47, 15.518, 233.421)

Conversions

Conversions Part 1

Format	Color
Hex	4F7584
RGB	79, 117, 132
RGB Percent	31%, 46%, 52%
CMY	0.6906, 0.5416, 0.4828
CMYK	0.40, 0.11, 0.00, 0.48
HSL	197°, 25%, 41%
HSV	197°, 40%, 52%
XYZ	13.7228, 16.0195, 24.1608
YIQ	107.3480, -27.4630, -3.3910

Conversions

Conversions Part 2

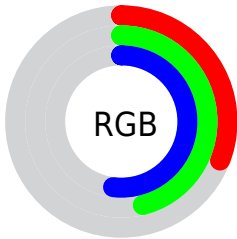
Format	Color
R_{YB}	79, 101, 132
Decimal	5207428
CIE _{Lab}	47.00, -9.25, -12.46
CIE _{LCh}	47, 15.518, 233.421
Yxy	16.0195, 0.2546, 0.2972
Android (android.graphics.Color)	4283397508 (0xFF4F7584)
YUV	107.3480, 12.1534, -24.8612
Hunter-Lab	40.0243, -8.8416, -7.7736

Details

The CIELCh color **47, 15.518, 233.421** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **43, 19.948, 47.638**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 15.617, 233.206**, and **27, 15.613, 233.833** is the 20% darker color. If you saturate the color by 10%, you get **45, 18.664, 235.135**, and if you desaturate by 10%, it is **49, 12.038, 232.063**.

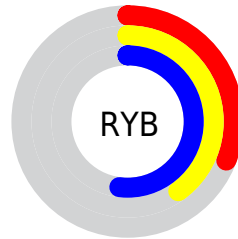
Distribution



Red (31%)

Green (46%)

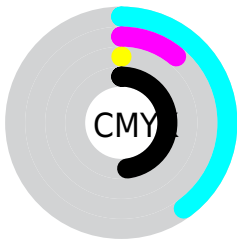
Blue (52%)



Red (31%)

Yellow (40%)

Blue (52%)

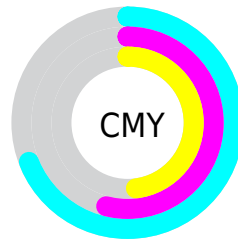


Cyan (40%)

Magenta (11%)

Yellow (0%)

Black (48%)



Cyan (69%)


Magenta (54%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 15.518, 233.421 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, 15.518, 233.421 by changing the saturation by 10% instead.


 47, 15.518,
233.421


 47, 15.518,
233.421


 100, 15.518,
233.421


 37, 15.518,
233.421

 67, 15.518,
233.421


 27, 15.518,
233.421

 77, 15.518,
233.421

 17, 15.518,
233.421


 87, 15.518,
233.421

 7, 15.518, 233.421

 97, 15.518,
233.421

 0, 15.518, 233.421

 47, 15.518,

 47, 15.518,

233.421

233.421

■ 45, 18.664,
235.135

■ 49, 12.038,
232.063

■ 43, 21.436,
237.292

■ 51, 8.272, 231.004

■ 42, 23.813,
239.973

■ 53, 4.270, 230.206

■ 55, 0.080, 234.191

■ 40, 25.801,
243.252

■ 57, 4.259, 48.857

■ 39, 27.450,
247.175

■ 59, 8.709, 48.505

■ 62, 13.240, 48.212

■ 37, 28.937,
251.347

■ 64, 17.829, 47.983

■ 66, 22.454, 47.807

Harmonies

Complementary

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



47, 15.518, 233.421



43, 19.948, 47.638

Rectangle

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



47, 15.518, 233.421



47, 15.518, 283.421



47, 15.518, 53.421



47, 15.518, 103.421

Sweetspot

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



47, 15.518, 233.418



67, 6.191, 230.350



51, 30.846, 149.687



35, 4.129, 230.429



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



47, 15.518, 233.418



58, 22.155, 234.926



39, 25.021, 284.363



27, 2.381, 230.139



37, 28.629, 251.273



0, 0.581, 229.465

Inverse Universe

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



41, 30.753, 336.430



49, 44.864, 337.162



50, 24.114, 93.617



26, 4.324, 334.161



28, 56.942, 343.068



0, 1.028, 333.605

Previews

White Background



This preview shows how the CIELCh color 47, 15.518, 233.421 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, 15.518, 233.421 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, 15.518, 233.421

Background



This preview shows how black text looks on a background with the CIELCh color 47, 15.518, 233.421.



This preview shows how white text looks on a background with the CIELCh color 47, 15.518, 233.421.

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, 15.518, 233.421

Protanopia

47, 10.092, 287.216

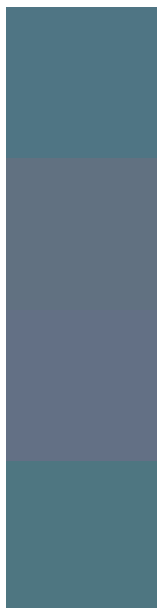
Deuteranopia

47, 14.858, 295.047



Tritanopia
47, 14.838, 219.223

Trichromacy



Original Color
47, 15.518, 233.421

Protanomaly
47, 10.993, 258.967

Deuteranomaly
47, 13.163, 270.732

Tritanomaly
47, 15.144, 223.726

Monochromacy



Original Color
47, 15.518, 233.421

Achromatopsia
45, 0.006, 296.813

Achromatomaly
46, 6.120, 228.074

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 15.518, 233.421 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(79, 117, 132)` looks like.

```
.text, #text, p{  
    color:rgb(79, 117, 132)  
}
```

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(79, 117, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 117, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 15.518, 233.421 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(79, 117, 132) }
```

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

```
.border{ border-color:rgb(79, 117, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 117, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 117, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 117, 132);  
box-shadow:4px 4px 4px 4px rgb(79, 117,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 15.518, 233.421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 117, 132) }
```

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

```
.background{ background-color: rgb(79, 117,  
132) }
```

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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