

Converting Colors

CIELCh(47, 11.567, 203.560)

Have a look what the booklet for
CIELCh(47, 11.567, 203.560)
contains.

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Color

CIELCh(47, 11.574, 204.088)

Conversions

Conversions Part 1

Format	Color
Hex	567577
RGB	86, 117, 119
RGB Percent	34%, 46%, 47%
CMY	0.6629, 0.5413, 0.5335
CMYK	0.28, 0.02, 0.00, 0.53
HSL	184°, 16%, 40%
HSV	184°, 28%, 47%
XYZ	13.5169, 16.0195, 19.8185
YIQ	107.9590, -19.1180, -5.9500

Conversions

Conversions Part 2

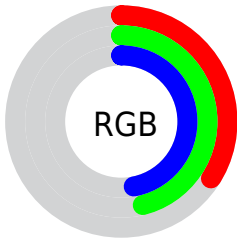
Format	Color
R_{YB}	86, 102, 119
Decimal	5666167
CIE _{Lab}	47.00, -10.57, -4.72
CIE _{LCh}	47, 11.574, 204.088
Yxy	16.0195, 0.2739, 0.3246
Android (android.graphics.Color)	4283856247 (0xFF567577)
YUV	107.9590, 5.4432, -19.2580
Hunter-Lab	40.0243, -9.7599, -1.3412

Details

The CIELCh color $47, 11.574, 204.088$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $41, 13.906, 26.231$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 11.451, 204.052$, and $27, 11.562, 204.161$ is the 20% darker color. If you saturate the color by 10%, you get $46, 15.147, 203.962$, and if you desaturate by 10%, it is $48, 7.645, 204.300$.

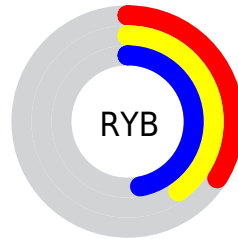
Distribution



Red (34%)

Green (46%)

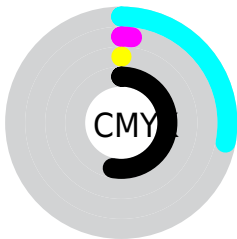
Blue (47%)



Red (34%)

Yellow (40%)

Blue (47%)

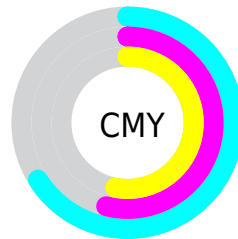


Cyan (28%)

Magenta (2%)

Yellow (0%)

Black (53%)



Cyan (66%)

Magenta (54%)

Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 11.574, 204.088 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, 11.574, 204.088 by changing the saturation by 10% instead.

 47, 11.574,
204.088


 47, 11.574,
204.088


 100, 11.574,
204.088


 37, 11.574,
204.088

 67, 11.574,
204.088


 27, 11.574,
204.088

 77, 11.574,
204.088

 17, 11.574,
204.088


 87, 11.574,
204.088

 7, 11.574, 204.088

 97, 11.574,
204.088

 0, 11.574, 204.088

 47, 11.574,

 47, 11.574,

204.088

■ 46, 15.147,
203.962

■ 45, 18.296,
203.947

■ 45, 20.962,
204.054

■ 44, 23.097,
204.302

■ 43, 24.676,
204.709

■ 43, 25.699,
205.291

■ 43, 26.301,
206.017

■ 43, 26.431,
206.179

204.088

■ 48, 7.645, 204.300

■ 49, 3.426, 204.631

■ 50, 1.022, 24.474

■ 52, 5.642, 25.149

■ 53, 10.385, 25.584

■ 54, 15.213, 26.023

■ 56, 20.091, 26.473

■ 57, 24.995, 26.931

■ 59, 29.902, 27.391

Harmonies

Complementary

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



47, 11.574, 204.088



41, 13.906, 26.231

Rectangle

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



47, 11.574, 204.088



47, 11.574, 254.088



47, 11.574, 24.088



47, 11.574, 74.088

Sweetspot

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



47, 11.574, 204.083



63, 4.405, 204.611



47, 23.017, 143.989



33, 3.145, 204.559



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



47, 11.574, 204.083



60, 16.762, 203.997



42, 12.086, 264.727



24, 2.454, 204.577



44, 26.972, 206.211



85, 45.563, 206.805

Inverse Universe

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



41, 22.866, 327.598



51, 33.801, 327.925



45, 12.706, 77.219



23, 4.565, 326.568



28, 64.122, 330.703



58, 108.435, 330.849

Previews

White Background



This preview shows how the CIELCh color 47, 11.574, 204.088 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, 11.574, 204.088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

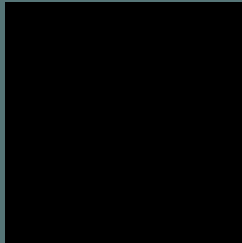
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 11.574, 204.088

Background



This preview shows how black text looks on a background with the CIELCh color 47, 11.574, 204.088.



This preview shows how white text looks on a background with the CIELCh color 47, 11.574, 204.088.

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, 11.574, 204.088

Protanopia

47, 3.085, 305.686

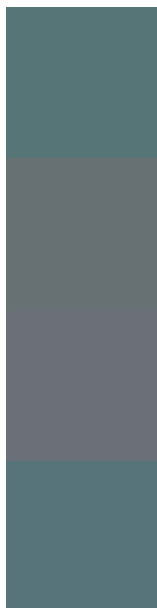
Deuteranopia

47, 8.539, 315.904



Tritanopia
47, 11.668, 225.744

Trichromacy



Original Color
47, 11.574, 204.088

Protanomaly
47, 4.279, 223.656

Deuteranomaly
47, 5.640, 270.694

Tritanomaly
47, 11.303, 220.001

Monochromacy



Original Color
47, 11.574, 204.088

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 4.388, 206.792

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 11.574, 204.088 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(86, 117, 119)` looks like.

```
.text, #text, p{  
    color:rgb(86, 117, 119)  
}
```

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(86, 117, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 117, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 11.574, 204.088 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(86, 117, 119) }
```

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

```
.border{ border-color:rgb(86, 117, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 117, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 117, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 117, 119);  
box-shadow:4px 4px 4px 4px rgb(86, 117,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 11.574, 204.088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 117, 119) }
```

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

```
.background{ background-color: rgb(86, 117,  
119) }
```

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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