

Converting Colors

CIELCh(47, 12.303, 248.074)

Have a look what the booklet for
CIELCh(47, 12.303, 248.074)
contains.

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Color

CIELCh(47, 12.176, 245.841)

Conversions

Conversions Part 1

Format	Color
Hex	5B7382
RGB	91, 115, 130
RGB Percent	36%, 45%, 51%
CMY	0.6441, 0.5500, 0.4912
CMYK	0.30, 0.12, 0.00, 0.49
HSL	203°, 18%, 43%
HSV	203°, 30%, 51%
XYZ	14.4031, 16.0195, 23.3605
YIQ	109.5340, -19.1190, -0.4230

Conversions

Conversions Part 2

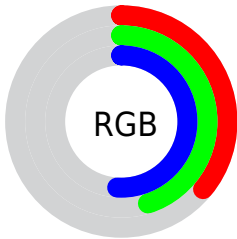
Format	Color
R_YB	91, 106, 130
Decimal	5993346
CIE Lab	47.00, -4.98, -11.11
CIE LCh	47, 12.176, 245.841
Yxy	16.0195, 0.2678, 0.2979
Android (android.graphics.Color)	4284183426 (0xFF5B7382)
YUV	109.5340, 10.0897, -16.2543
Hunter-Lab	40.0243, -5.8079, -6.5880

Details

The CIELCh color $47, 12.176, 245.841$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $47, 13.974, 59.253$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 12.211, 245.491$, and $27, 12.363, 246.354$ is the 20% darker color. If you saturate the color by 10%, you get $45, 15.891, 247.673$, and if you desaturate by 10%, it is $49, 8.271, 244.335$.

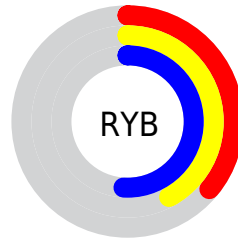
Distribution



Red (36%)

Green (45%)

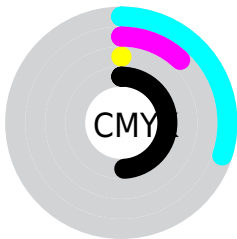
Blue (51%)



Red (36%)

Yellow (42%)

Blue (51%)

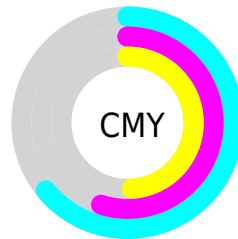


Cyan (30%)

Magenta (12%)

Yellow (0%)

Black (49%)



Cyan (64%)

Magenta (55%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 12.176, 245.841 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, 12.176, 245.841 by changing the saturation by 10% instead.

■ 47, 12.176,
245.841

■ 47, 12.176,
245.841

■ 100, 12.176,
245.841

■ 37, 12.176,
245.841

■ 67, 12.176,
245.841

■ 27, 12.176,
245.841

■ 77, 12.176,
245.841

■ 17, 12.176,
245.841

■ 87, 12.176,
245.841

■ 7, 12.176, 245.841

■ 97, 12.176,
245.841

■ 0, 12.176, 245.841

■ 47, 12.176,

■ 47, 12.176,

245.841

■ 45, 15.891,
247.673

■ 42, 19.388,
249.909

■ 40, 22.649,
252.614

■ 38, 25.674,
255.852

■ 36, 28.492,
259.661

■ 34, 31.165,
264.022

■ 33, 33.846,
268.499

245.841

■ 49, 8.271, 244.335

■ 52, 4.211, 243.126

■ 54, 0.027, 254.334

■ 57, 4.253, 61.083

■ 59, 8.603, 60.406

■ 62, 13.000, 59.817

■ 64, 17.426, 59.312

■ 67, 21.867, 58.880

■ 69, 26.311, 58.507

Harmonies

Complementary

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



47, 12.176, 245.841



47, 13.974, 59.253

Rectangle

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



47, 12.176, 245.841



47, 12.176, 295.841



47, 12.176, 65.841



47, 12.176, 115.841

Sweetspot

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



47, 12.175, 245.837



66, 4.669, 243.038



51, 20.920, 155.401



34, 3.224, 243.168



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



47, 12.175, 245.837



58, 17.794, 247.040



41, 20.908, 288.796



26, 2.331, 243.026



32, 33.382, 268.402



0, 0.000, 0.000

Inverse Universe

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



43, 21.294, 340.234



53, 31.514, 340.850



52, 19.864, 101.863



25, 3.892, 338.524



27, 52.957, 350.588



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 47, 12.176, 245.841 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, 12.176, 245.841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

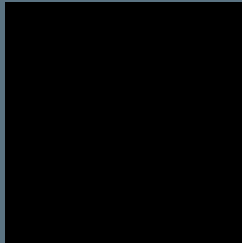
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

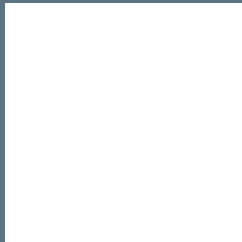
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 47, 12.176, 245.841

Background



This preview shows how black text looks on a background with the CIELCh color 47, 12.176, 245.841.



This preview shows how white text looks on a background with the CIELCh color 47, 12.176, 245.841.

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, 12.176, 245.841

Protanopia

47, 10.092, 287.216

Deuteranopia

47, 13.118, 296.897



Tritanopia
47, 10.784, 228.273

Trichromacy



Original Color
47, 12.176, 245.841

Protanomaly
47, 10.088, 269.641

Deuteranomaly
47, 12.061, 279.307

Tritanomaly
47, 11.309, 233.893

Monochromacy



Original Color
47, 12.176, 245.841

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 4.947, 245.350

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 12.176, 245.841 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(91, 115, 130)` looks like.

```
.text, #text, p{  
    color:rgb(91, 115, 130)  
}
```

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(91, 115, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 115, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 12.176, 245.841 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(91, 115, 130) }
```

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

```
.border{ border-color:rgb(91, 115, 130) }
```

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

Here you see how a box with a 4 pixel rgb(91, 115, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 115, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 115, 130);  
box-shadow:4px 4px 4px 4px rgb(91, 115,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 12.176, 245.841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 115, 130) }
```

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

```
.background{ background-color: rgb(91, 115,  
130) }
```

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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