

Converting Colors

CIELCh(47, 11.614, 287.722)

Have a look what the booklet for
CIELCh(47, 11.614, 287.722)
contains.

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Color

CIELCh(47, 11.862, 288.140)

Conversions

Conversions Part 1

Format	Color
Hex	6C6E82
RGB	108, 110, 130
RGB Percent	42%, 43%, 51%
CMY	0.5756, 0.5678, 0.4893
CMYK	0.17, 0.15, 0.00, 0.49
HSL	235°, 9%, 47%
HSV	235°, 17%, 51%
XYZ	15.8557, 16.0195, 23.4559
YIQ	111.6820, -7.6120, 5.7960

Conversions

Conversions Part 2

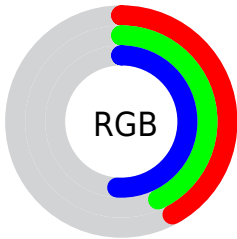
Format	Color
R_{YB}	108, 110, 130
Decimal	7106178
CIE _{Lab}	47.00, 3.69, -11.27
CIE _{LCh}	47, 11.862, 288.140
Yxy	16.0195, 0.2866, 0.2895
Android (android.graphics.Color)	4285296258 (0xFF6C6E82)
YUV	111.6820, 9.0308, -3.2291
Hunter-Lab	40.0243, 0.6706, -6.7294

Details

The CIELCh color $47, 11.862, 288.140$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $53, 11.513, 104.544$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 11.618, 287.833$, and $27, 11.757, 286.660$ is the 20% darker color. If you saturate the color by 10%, you get $43, 19.221, 289.509$, and if you desaturate by 10%, it is $51, 4.762, 286.970$.

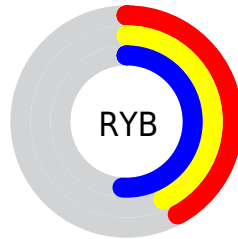
Distribution



Red (42%)

Green (43%)

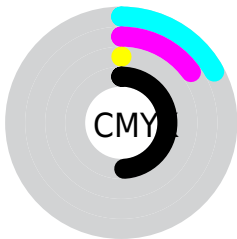
Blue (51%)



Red (42%)

Yellow (43%)

Blue (51%)

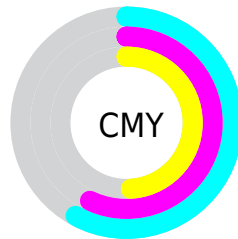


Cyan (17%)

Magenta (15%)

Yellow (0%)

Black (49%)



Cyan (58%)


Magenta (57%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 11.862, 288.140 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, 11.862, 288.140 by changing the saturation by 10% instead.


 47, 11.862,
288.140


 47, 11.862,
288.140


 100, 11.862,
288.140


 37, 11.862,
288.140

 67, 11.862,
288.140


 27, 11.862,
288.140

 77, 11.862,
288.140


 17, 11.862,
288.140


 87, 11.862,
288.140

 7, 11.862, 288.140

 97, 11.862,
288.140

 0, 11.862, 288.140

 47, 11.862,

 47, 11.862,

288.140

43, 19.221,
289.509

38, 26.863,
291.109

34, 34.805,
292.960

29, 43.044,
295.069

25, 51.518,
297.400

21, 60.020,
299.849

18, 68.070,
302.219

15, 74.859,
304.191

288.140

51, 4.762, 286.970

56, 2.095, 105.909

60, 8.729, 105.066

65, 15.152,
104.318

69, 21.379,
103.666

73, 27.421,
103.097

77, 33.287,
102.597

81, 38.989,
102.155

86, 44.534,

■ 15,76.597,
304.631

101.764

Harmonies

Complementary

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



47, 11.862, 288.140



53, 11.513, 104.544

Rectangle

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



47, 11.862, 288.140



47, 11.862, 338.140



47, 11.862, 108.140



47, 11.862, 158.140

Sweetspot

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



47, 11.861, 288.137



66, 4.246, 286.783



53, 8.536, 189.939



34, 2.886, 286.843



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, 11.861, 288.137



58, 17.420, 288.600



47, 13.526, 306.352



26, 3.965, 287.214



15, 76.515, 304.628



0, 0.936, 286.242

Inverse Universe

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



48, 9.285, 13.279



59, 13.704, 13.650



53, 13.166, 124.696



26, 3.068, 12.530



26, 59.431, 34.770



0, 0.714, 11.887

Previews

White Background



This preview shows how the CIELCh color 47, 11.862, 288.140 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, 11.862, 288.140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

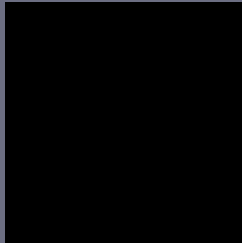
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

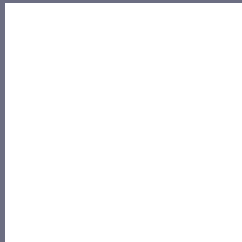
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 47, 11.862, 288.140

Background



This preview shows how black text looks on a background with the CIELCh color 47, 11.862, 288.140.



This preview shows how white text looks on a background with the CIELCh color 47, 11.862, 288.140.

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, 11.862, 288.140

Protanopia

47, 11.862, 288.140

Deuteranopia

47, 13.160, 298.547



Tritanopia
47, 5.632, 270.682

Trichromacy



Original Color
47, 11.862, 288.140

Protanomaly
47, 11.862, 288.140

Deuteranomaly
47, 13.086, 295.245

Tritanomaly
47, 7.820, 279.874

Monochromacy



Original Color
47, 11.862, 288.140

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 4.739, 290.830

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 11.862, 288.140 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(108, 110, 130)` looks like.

```
.text, #text, p{  
    color:rgb(108, 110, 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(108, 110, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 110, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 11.862, 288.140 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(108, 110, 130) }
```

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

```
.border{ border-color:rgb(108, 110, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 110, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 110, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 110, 130);  
box-shadow:4px 4px 4px 4px rgb(108, 110,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 11.862, 288.140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 110, 130) }
```

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

```
.background{ background-color: rgb(108,  
110, 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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