

Converting Colors

CIELCh(47, 29.801, 164.345)

Have a look what the booklet for
CIELCh(47, 29.801, 164.345)
contains.

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Color

CIELCh(47, 29.883, 164.022)

Conversions

Conversions Part 1

Format	Color
Hex	377C61
RGB	55, 124, 97
RGB Percent	22%, 49%, 38%
CMY	0.7853, 0.5147, 0.6205
CMYK	0.56, 0.00, 0.22, 0.51
HSL	157°, 39%, 35%
HSV	157°, 56%, 49%
XYZ	10.8868, 16.0195, 13.7722
YIQ	100.2910, -32.4570, -23.0250

Conversions

Conversions Part 2

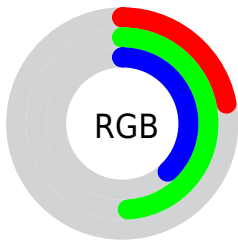
Format	Color
RYB	55, 98, 124
Decimal	3636321
CIELab	47.00, -28.73, 8.23
CIElCh	47, 29.883, 164.022
Yxy	16.0195, 0.2676, 0.3938
Android (android.graphics.Color)	4281826401 (0xFF377C61)
YUV	100.2910, -1.6225, -39.7202
Hunter-Lab	40.0243, -21.4899, 7.6155




Details

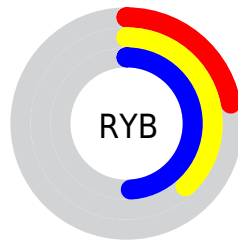
The CIELCh color **47, 29.883, 164.022** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **33, 33.163, 356.809**, and the grayscale version is **42, 0.006, 296.813**.




A 20% lighter version of the original color is **67, 29.615, 164.274**, and **27, 28.217, 163.390** is the 20% darker color. If you saturate the color by 10%, you get **46, 34.250, 162.537**, and if you desaturate by 10%, it is **48, 25.087, 165.348**.

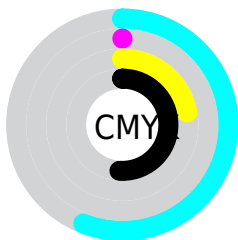
Distribution







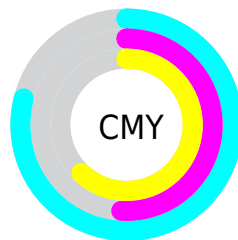
-  Red (22%)
-  Green (49%)
-  Blue (38%)






-  Red (22%)
-  Yellow (38%)
-  Blue (49%)



-  Cyan (56%)
-  Magenta (0%)
-  Yellow (22%)
-  Black (51%)



-  Cyan (79%)
-  Magenta (51%)
-  Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 29.883, 164.022 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, 29.883, 164.022 by changing the saturation by 10% instead.

 47, 29.883,
164.022


 47, 29.883,
164.022


 100, 29.883,
164.022

 37, 29.883,
164.022

 67, 29.883,
164.022


 27, 29.883,
164.022

 77, 29.883,
164.022

 17, 29.883,
164.022

 87, 29.883,
164.022

 7, 29.883, 164.022

 97, 29.883,
164.022

 0, 29.883, 164.022

 47, 29.883,

 47, 29.883,

164.022

164.022

■ 46, 34.250,
162.537

■ 48, 25.087,
165.348

■ 46, 38.122,
160.876

■ 48, 19.943,
166.541

■ 46, 41.467,
159.022

■ 49, 14.539,
167.622

■ 46, 44.330,
157.010

■ 50, 8.960, 168.615

■ 45, 45.511,
156.199

■ 51, 3.284, 169.574

■ 52, 2.425, 350.181

■ 54, 8.112, 351.047

■ 55, 13.738,
351.789

■ 56, 19.272,
352.480

Harmonies

Complementary

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



47, 29.883, 164.022



33, 33.163, 356.809

Rectangle

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



47, 29.883, 164.022



47, 29.883, 214.022



47, 29.883, 344.022



47, 29.883, 34.022

Sweetspot

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



47, 29.884, 164.021



64, 11.953, 168.456



48, 42.813, 130.004



33, 8.050, 168.301



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



47, 29.884, 164.021



59, 42.802, 162.084



46, 20.390, 209.066



25, 3.181, 169.251



46, 45.844, 156.175



88, 79.041, 154.863

Inverse Universe

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



33, 33.163, 356.809



39, 48.020, 359.598



34, 30.983, 32.311



24, 3.239, 350.697



25, 49.912, 10.604



54, 84.531, 13.668

Previews

White Background



This preview shows how the CIELCh color 47, 29.883, 164.022 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, 29.883, 164.022 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, 29.883, 164.022

Background



This preview shows how black text looks on a background with the CIELCh color 47, 29.883, 164.022.



This preview shows how white text looks on a background with the CIELCh color 47, 29.883, 164.022.

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, 29.883, 164.022

Protanopia

47, 12.632, 96.445

Deuteranopia

47, 8.800, 48.026



Tritanopia
47, 18.633, 216.347

Trichromacy



Original Color
47, 29.883, 164.022

Protanomaly
47, 16.926, 141.065

Deuteranomaly
46, 10.161, 143.753

Tritanomaly
47, 20.879, 190.591

Monochromacy



Original Color
47, 29.883, 164.022

Achromatopsia
42, 0.006, 296.813

Achromatomaly
44, 11.770, 167.397

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 29.883, 164.022 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(55, 124, 97)` looks like.

```
.text, #text, p{  
    color:rgb(55, 124, 97)  
}
```

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(55, 124, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 124, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 29.883, 164.022 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(55, 124, 97) }
```

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

```
.border{ border-color:rgb(55, 124, 97) }
```

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

Here you see how a box with a 4 pixel rgb(55, 124, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 124, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 124, 97);  
box-shadow:4px 4px 4px 4px rgb(55, 124,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 29.883, 164.022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 124, 97) }
```

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

```
.background{ background-color: rgb(55, 124,  
97) }
```

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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