

Converting Colors

CIELCh(47, 11.635, 160.341)

Have a look what the booklet for
CIELCh(47, 11.635, 160.341)
contains.

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Color

CIELCh(47, 11.724, 160.907)

Conversions

Conversions Part 1

Format	Color
Hex	5E7569
RGB	94, 117, 105
RGB Percent	37%, 46%, 41%
CMY	0.6327, 0.5425, 0.5895
CMYK	0.20, 0.00, 0.10, 0.54
HSL	149°, 11%, 41%
HSV	149°, 20%, 46%
XYZ	13.4374, 16.0195, 15.6595
YIQ	108.7550, -9.8560, -8.6080

Conversions

Conversions Part 2

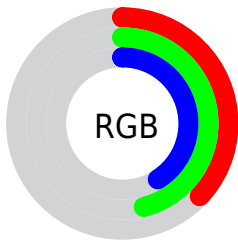
Format	Color
R _Y B	94, 110, 117
Decimal	6190441
CIE Lab	47.00, -11.08, 3.83
CIE LCh	47, 11.724, 160.907
Yxy	16.0195, 0.2978, 0.3551
Android (android.graphics.Color)	4284380521 (0xFF5E7569)
YUV	108.7550, -1.8512, -12.9401
Hunter-Lab	40.0243, -10.1146, 4.8199

Details

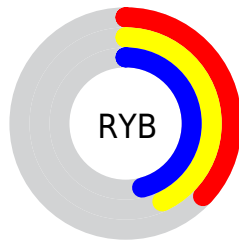
The CIELCh color $47, 11.724, 160.907$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $42, 11.976, 344.084$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 11.620, 160.346$, and $27, 12.028, 161.056$ is the 20% darker color. If you saturate the color by 10%, you get $46, 17.600, 159.939$, and if you desaturate by 10%, it is $48, 5.776, 161.789$.

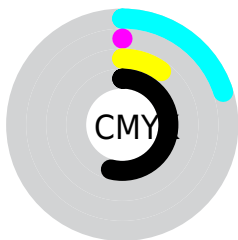
Distribution



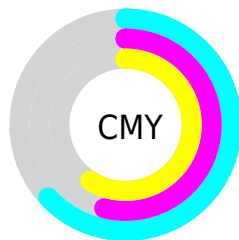
- Red (37%)
- Green (46%)
- Blue (41%)



- Red (37%)
- Yellow (43%)
- Blue (46%)



- Cyan (20%)
- Magenta (0%)
- Yellow (10%)
- Black (54%)





- Cyan (63%)
- Magenta (54%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 11.724, 160.907 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, 11.724, 160.907 by changing the saturation by 10% instead.


 47, 11.724,
160.907


 47, 11.724,
160.907


 100, 11.724,
160.907


 37, 11.724,
160.907

 67, 11.724,
160.907


 27, 11.724,
160.907

 77, 11.724,
160.907

 17, 11.724,
160.907


 87, 11.724,
160.907

 7, 11.724, 160.907

 97, 11.724,
160.907

 0, 11.724, 160.907

 47, 11.724,

 47, 11.724,

160.907

160.907

■ 46, 17.600,
159.939

■ 48, 5.776, 161.789

■ 45, 23.322,
158.862

■ 49, 0.179, 341.021

■ 45, 28.799,
157.650

■ 50, 6.086, 343.186

■ 44, 33.940,
156.282

■ 52, 11.903,
343.858

■ 44, 38.658,
154.737

■ 53, 17.602,
344.466

■ 43, 42.886,
153.003

■ 54, 23.162,
345.029

■ 43, 46.588,
151.078

■ 56, 28.572,
345.553

■ 43, 49.936,
149.143

■ 58, 33.826,
346.044

■ 59, 38.922,

■ 43, 50.034,
149.091

346.507

Harmonies

Complementary

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



47, 11.724, 160.907



42, 11.976, 344.084

Rectangle

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



47, 11.724, 160.907



47, 11.724, 210.907



47, 11.724, 340.907



47, 11.724, 30.907

Sweetspot

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



47, 11.725, 160.905



61, 4.393, 162.102



48, 14.232, 127.026



32, 2.937, 162.058



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



47, 11.725, 160.905



59, 17.560, 160.446



47, 8.877, 195.509



24, 3.364, 161.847



45, 51.918, 148.964



87, 90.523, 147.618

Inverse Universe

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



42, 11.976, 344.084



52, 18.026, 344.537



42, 9.958, 18.089



23, 3.400, 343.152



25, 49.641, 358.410



54, 83.651, 0.794

Previews

White Background



This preview shows how the CIELCh color 47, 11.724, 160.907 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, 11.724, 160.907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

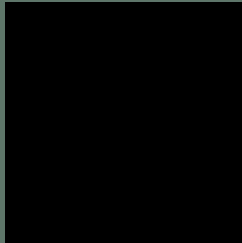
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 11.724, 160.907

Background



This preview shows how black text looks on a background with the CIELCh color 47, 11.724, 160.907.



This preview shows how white text looks on a background with the CIELCh color 47, 11.724, 160.907.

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, 11.724, 160.907

Protanopia

47, 5.559, 91.778

Deuteranopia

47, 7.139, 20.227



Tritanopia
47, 8.218, 239.470

Trichromacy



Original Color
47, 11.724, 160.907

Protanomaly
47, 6.422, 132.147

Deuteranomaly
47, 3.055, 93.998

Tritanomaly
47, 7.363, 203.264

Monochromacy



Original Color
47, 11.724, 160.907

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 4.050, 163.153

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 11.724, 160.907 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(94, 117, 105)` looks like.

```
.text, #text, p{  
    color:rgb(94, 117, 105)  
}
```

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(94, 117, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 117, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 11.724, 160.907 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(94, 117, 105) }
```

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

```
.border{ border-color:rgb(94, 117, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 117, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 117, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 117, 105);  
box-shadow:4px 4px 4px 4px rgb(94, 117,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 11.724, 160.907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 117, 105) }
```

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

```
.background{ background-color: rgb(94, 117,  
105) }
```

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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