

Converting Colors

CIELCh(47, 11.511, 253.575)

Have a look what the booklet for
CIELCh(47, 11.511, 253.575)
contains.

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Color

CIELCh(47, 11.542, 254.417)

Conversions

Conversions Part 1

Format	Color
Hex	5F7282
RGB	95, 114, 130
RGB Percent	37%, 45%, 51%
CMY	0.6282, 0.5537, 0.4910
CMYK	0.27, 0.12, 0.00, 0.49
HSL	207°, 16%, 44%
HSV	207°, 27%, 51%
XYZ	14.7104, 16.0195, 23.3653
YIQ	110.1430, -16.4600, 0.9480

Conversions

Conversions Part 2

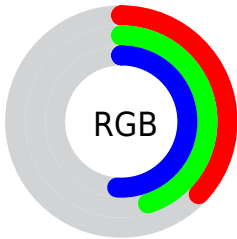
Format	Color
R_{YB}	95, 107, 130
Decimal	6255234
CIE _{Lab}	47.00, -3.10, -11.12
CIE _{LCh}	47, 11.542, 254.417
Yxy	16.0195, 0.2719, 0.2961
Android (android.graphics.Color)	4284445314 (0xFF5F7282)
YUV	110.1430, 9.7895, -13.2804
Hunter-Lab	40.0243, -4.4373, -6.5951

Details

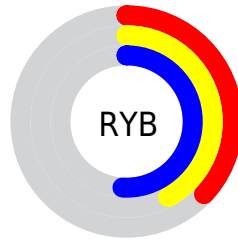
The CIELCh color **47, 11.542, 254.417** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **48, 12.625, 67.604**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 11.553, 253.684**, and **27, 11.638, 256.333** is the 20% darker color. If you saturate the color by 10%, you get **44, 15.640, 256.318**, and if you desaturate by 10%, it is **50, 7.333, 252.825**.

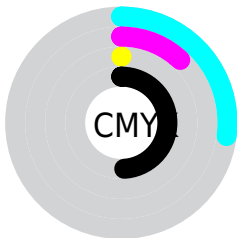
Distribution



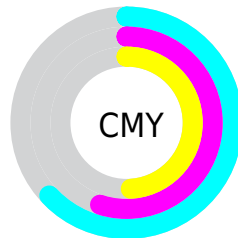
- Red (37%)
- Green (45%)
- Blue (51%)



- Red (37%)
- Yellow (42%)
- Blue (51%)



- Cyan (27%)
- Magenta (12%)
- Yellow (0%)
- Black (49%)





- Cyan (63%)
- Magenta (55%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 11.542, 254.417 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, 11.542, 254.417 by changing the saturation by 10% instead.


 47, 11.542,
254.417


 47, 11.542,
254.417


 100, 11.542,
254.417


 37, 11.542,
254.417

 67, 11.542,
254.417


 27, 11.542,
254.417

 77, 11.542,
254.417


 17, 11.542,
254.417


 87, 11.542,
254.417

 7, 11.542, 254.417

 97, 11.542,
254.417

 0, 11.542, 254.417

 47, 11.542,

 47, 11.542,

254.417

■ 44, 15.640,
256.318

■ 42, 19.610,
258.594

■ 39, 23.442,
261.300

■ 37, 27.143,
264.485

■ 34, 30.743,
268.171

■ 32, 34.297,
272.326

■ 30, 37.901,
276.732

■ 30, 39.039,
277.976

254.417

■ 50, 7.333, 252.825

■ 52, 3.035, 251.534

■ 55, 1.329, 70.080

■ 58, 5.739, 69.282

■ 61, 10.178, 68.476

■ 63, 14.630, 67.771

■ 66, 19.082, 67.156

■ 69, 23.525, 66.617

■ 72, 27.949, 66.141

Harmonies

Complementary

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



47, 11.542, 254.417



48, 12.625, 67.604

Rectangle

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



47, 11.542, 254.417



47, 11.542, 304.417



47, 11.542, 74.417



47, 11.542, 124.417

Sweetspot

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



47, 11.541, 254.413



66, 4.311, 251.673



51, 17.846, 158.783



34, 3.046, 251.829



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, 11.541, 254.413



58, 16.831, 255.470



42, 20.107, 291.288



25, 2.418, 251.779



29, 38.477, 277.883



0, 0.000, 0.000

Inverse Universe

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



44, 18.212, 343.645



55, 26.770, 344.215



53, 19.027, 105.481



25, 3.700, 342.060



27, 51.411, 356.702



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 47, 11.542, 254.417 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, 11.542, 254.417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

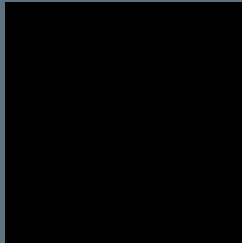
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

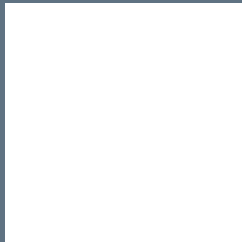
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 47, 11.542, 254.417

Background



This preview shows how black text looks on a background with the CIELCh color 47, 11.542, 254.417.



This preview shows how white text looks on a background with the CIELCh color 47, 11.542, 254.417.

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, 11.542, 254.417

Protanopia

47, 10.682, 287.550

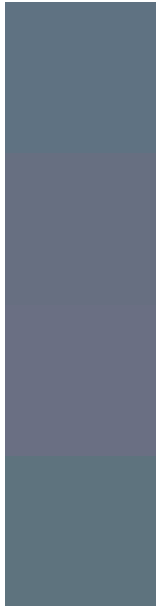
Deuteranopia

47, 13.118, 296.897



Tritanopia
47, 9.334, 233.674

Trichromacy



Original Color
47, 11.542, 254.417

Protanomaly
47, 10.999, 275.834

Deuteranomaly
47, 11.942, 282.770

Tritanomaly
47, 9.972, 239.708

Monochromacy



Original Color
47, 11.542, 254.417

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 4.449, 252.534

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 11.542, 254.417 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(95, 114, 130)` looks like.

```
.text, #text, p{  
    color:rgb(95, 114, 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(95, 114, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 114, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 11.542, 254.417 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(95, 114, 130) }
```

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

```
.border{ border-color:rgb(95, 114, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 114, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 114, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 114, 130);  
box-shadow:4px 4px 4px 4px rgb(95, 114,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 11.542, 254.417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 114, 130) }
```

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

```
.background{ background-color: rgb(95, 114,  
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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