

Converting Colors

CIELCh(47, 13.509, 255.264)

Have a look what the booklet for
CIELCh(47, 13.509, 255.264)
contains.

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Color

CIELCh(47, 13.480, 255.879)

Conversions

Conversions Part 1

Format	Color
Hex	5C7285
RGB	92, 114, 133
RGB Percent	36%, 45%, 52%
CMY	0.6390, 0.5527, 0.4782
CMYK	0.31, 0.14, 0.00, 0.48
HSL	208°, 18%, 44%
HSV	208°, 31%, 52%
XYZ	14.6795, 16.0195, 24.5285
YIQ	109.5880, -19.2110, 1.2450

Conversions

Conversions Part 2

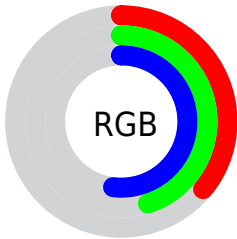
Format	Color
RYB	92, 106, 133
Decimal	6058629
CIELab	47.00, -3.29, -13.07
CIElCh	47, 13.480, 255.879
Yxy	16.0195, 0.2658, 0.2901
Android (android.graphics.Color)	4284248709 (0xFF5C7285)
YUV	109.5880, 11.5421, -15.4247
Hunter-Lab	40.0243, -4.5751, -8.3183

Details


The CIELCh color $47, 13.480, 255.879$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $48, 14.916, 67.852$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 13.408, 254.831$, and $27, 13.337, 255.381$ is the 20% darker color. If you saturate the color by 10%, you get $44, 17.648, 257.934$, and if you desaturate by 10%, it is $50, 9.196, 254.155$.

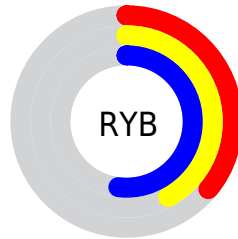
Distribution



 Red (36%)

 Green (45%)

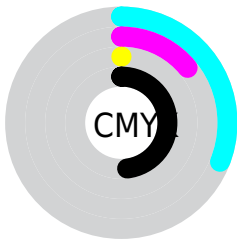
 Blue (52%)





 Red (36%)

 Yellow (42%)

 Blue (52%)

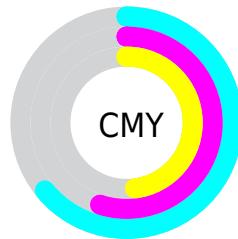



 Cyan (31%)

 Magenta (14%)

 Yellow (0%)

 Black (48%)



 Cyan (64%)


 Magenta (55%)


 Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 13.480, 255.879 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, 13.480, 255.879 by changing the saturation by 10% instead.


 47, 13.480,
255.879


 47, 13.480,
255.879


 100, 13.480,
255.879


 37, 13.480,
255.879

 67, 13.480,
255.879


 27, 13.480,
255.879

 77, 13.480,
255.879

 17, 13.480,
255.879


 87, 13.480,
255.879

 7, 13.480, 255.879

 97, 13.480,
255.879

 0, 13.480, 255.879

 47, 13.480,

 47, 13.480,

255.879

■ 44, 17.648,
257.934

■ 42, 21.688,
260.387

■ 39, 25.597,
263.290

■ 37, 29.390,
266.684

■ 34, 33.109,
270.568

■ 32, 36.821,
274.879

■ 30, 40.337,
278.827

255.879

■ 50, 9.196, 254.155

■ 53, 4.819, 252.730

■ 55, 0.370, 252.235

■ 58, 4.130, 70.329

■ 61, 8.662, 69.476

■ 64, 13.211, 68.722

■ 67, 17.762, 68.064

■ 70, 22.305, 67.488

■ 72, 26.830, 66.980

Harmonies

Complementary

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



47, 13.480, 255.879



48, 14.916, 67.852

Rectangle

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



47, 13.480, 255.879



47, 13.480, 305.879



47, 13.480, 75.879



47, 13.480, 125.879

Sweetspot

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



47, 13.479, 255.876



68, 4.986, 252.529



52, 20.774, 158.386



35, 3.446, 252.686



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



47, 13.479, 255.876



58, 19.935, 257.283



41, 23.636, 291.873



27, 2.509, 252.519



29, 39.596, 278.712



0, 0.605, 251.362

Inverse Universe

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



44, 21.186, 344.373



54, 31.574, 345.113



54, 22.156, 105.096



26, 3.807, 342.392



27, 52.034, 357.341



0, 0.903, 341.727

Previews

White Background



This preview shows how the CIELCh color 47, 13.480, 255.879 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, 13.480, 255.879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

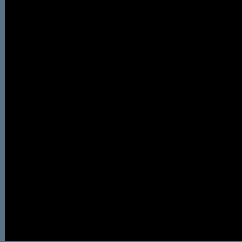
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

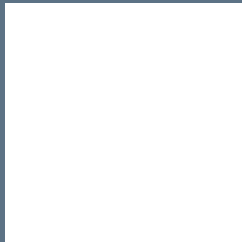
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 47, 13.480, 255.879

Background



This preview shows how black text looks on a background with the CIELCh color 47, 13.480, 255.879.



This preview shows how white text looks on a background with the CIELCh color 47, 13.480, 255.879.

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, 13.480, 255.879

Protanopia

47, 11.884, 286.339

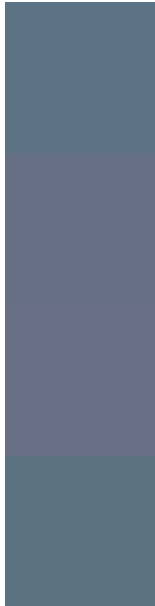
Deuteranopia

47, 14.858, 295.047



Tritanopia
47, 10.760, 232.166

Trichromacy



Original Color
47, 13.480, 255.879

Protanomaly
47, 12.218, 275.953

Deuteranomaly
47, 13.790, 281.253

Tritanomaly
47, 11.436, 241.232

Monochromacy



Original Color
47, 13.480, 255.879

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 5.138, 253.334

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 13.480, 255.879 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(92, 114, 133)` looks like.

```
.text, #text, p{  
    color:rgb(92, 114, 133)  
}
```

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(92, 114, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 114, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 13.480, 255.879 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(92, 114, 133) }
```

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

```
.border{ border-color:rgb(92, 114, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 114, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 114, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 114, 133);  
box-shadow:4px 4px 4px 4px rgb(92, 114,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 13.480, 255.879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 114, 133) }
```

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

```
.background{ background-color: rgb(92, 114,  
133) }
```

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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