

Converting Colors

CIELCh(52, 15.335, 278.910)

Have a look what the booklet for
CIELCh(52, 15.335, 278.910)
contains.

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Color

CIELCh(52, 15.413, 278.631)

Conversions

Conversions Part 1

Format	Color
Hex	727C96
RGB	114, 124, 150
RGB Percent	45%, 49%, 59%
CMY	0.5535, 0.5143, 0.4123
CMYK	0.24, 0.17, 0.00, 0.41
HSL	223°, 15%, 52%
HSV	223°, 24%, 59%
XYZ	19.6035, 20.1443, 31.6460
YIQ	123.9740, -14.3060, 5.9660

Conversions

Conversions Part 2

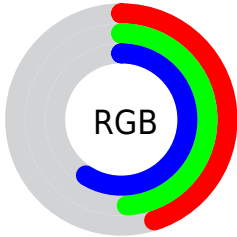
Format	Color
RYB	114, 122, 150
Decimal	7502998
CIELab	52.00, 2.31, -15.24
CIELCh	52, 15.413, 278.631
Yxy	20.1443, 0.2746, 0.2822
Android (android.graphics.Color)	4285693078 (0xFF727C96)
YUV	123.9740, 12.8308, -8.7472
Hunter-Lab	44.8824, -0.5802, -10.3869

Details

The CIELCh color $52, 15.413, 278.631$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $58, 15.268, 92.421$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 15.551, 278.850$, and $32, 15.521, 279.062$ is the 20% darker color. If you saturate the color by 10%, you get $48, 22.074, 280.399$, and if you desaturate by 10%, it is $56, 8.900, 277.113$.

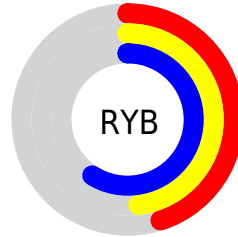
Distribution



Red (45%)

Green (49%)

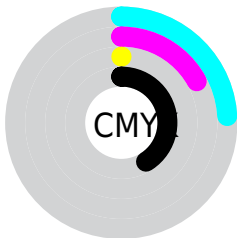
Blue (59%)



Red (45%)

Yellow (48%)

Blue (59%)

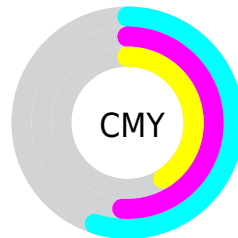


Cyan (24%)

Magenta (17%)

Yellow (0%)

Black (41%)



Cyan (55%)


Magenta (51%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 15.413, 278.631 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 52, 15.413, 278.631 by changing the saturation by 10% instead.


 52, 15.413,
278.631


 52, 15.413,
278.631


 100, 15.413,
278.631


 42, 15.413,
278.631


 72, 15.413,
278.631

 32, 15.413,
278.631

 82, 15.413,
278.631

 22, 15.413,
278.631

 92, 15.413,
278.631

 12, 15.413,
278.631

 2, 15.413, 278.631

 0, 15.413, 278.631

■ 52, 15.413,
278.631

■ 52, 15.413,
278.631

■ 48, 22.074,
280.399

■ 56, 8.900, 277.113

■ 44, 28.902,
282.459

■ 60, 2.530, 275.849

■ 65, 3.707, 94.606

■ 40, 35.917,
284.840

■ 69, 9.814, 93.649

■ 36, 43.142,
287.555

■ 73, 15.794, 92.795

■ 77, 21.650, 92.041

■ 32, 50.585,
290.576

■ 81, 27.385, 91.372

■ 28, 58.204,
293.812

■ 85, 33.001, 90.776

■ 89, 38.501, 90.242

■ 25, 65.835,
297.091

■ 23, 70.303,

298.862

Harmonies

Complementary

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



52, 15.413, 278.631



58, 15.268, 92.421

Rectangle

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



52, 15.413, 278.631



52, 15.413, 328.631



52, 15.413, 98.631



52, 15.413, 148.631

Sweetspot

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



52, 15.412, 278.629



75, 5.445, 276.209



59, 14.727, 174.893



39, 3.529, 276.271



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



52, 15.412, 278.629



63, 23.090, 279.578



50, 21.363, 300.427



29, 3.531, 276.466



21, 65.594, 298.606



1, 3.063, 275.313

Inverse Universe

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



52, 15.801, 359.970



63, 23.745, 0.691



61, 20.319, 117.079



29, 3.571, 358.300



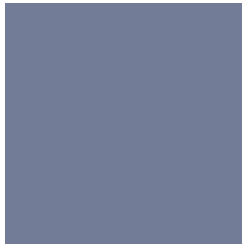
28, 55.594, 21.575



1, 3.065, 357.510

Previews

White Background



This preview shows how the CIELCh color 52, 15.413, 278.631 looks on a white background.

Color Contrast Check

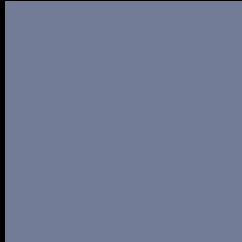
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 52, 15.413, 278.631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

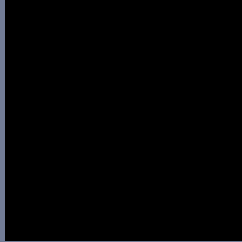
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 15.413, 278.631

Background



This preview shows how black text looks on a background with the CIELCh color 52, 15.413, 278.631.



This preview shows how white text looks on a background with the CIELCh color 52, 15.413, 278.631.

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

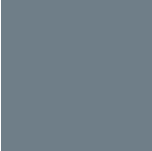
52, 15.413, 278.631

Protanopia

52, 15.170, 285.206

Deuteranopia

52, 16.907, 294.745



Tritanopia
52, 7.959, 246.085

Trichromacy



Original Color
52, 15.413, 278.631

Protanomaly
52, 15.254, 282.541

Deuteranomaly
52, 16.281, 289.657

Tritanomaly
52, 10.328, 263.733

Monochromacy



Original Color
52, 15.413, 278.631

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 5.421, 274.363

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 15.413, 278.631 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(114, 124, 150)` looks like.

```
.text, #text, p{  
    color:rgb(114, 124, 150)  
}
```

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(114, 124, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 124, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 15.413, 278.631 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(114, 124, 150) }
```

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

```
.border{ border-color:rgb(114, 124, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 124, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 124, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 124, 150);  
box-shadow:4px 4px 4px 4px rgb(114, 124,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 15.413, 278.631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 124, 150) }
```

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

```
.background{ background-color: rgb(114,  
124, 150) }
```

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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