

Converting Colors

CIELCh(52, 18.189, 291.486)

Have a look what the booklet for
CIELCh(52, 18.189, 291.486)
contains.

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Color

CIELCh(52, 18.013, 291.268)

Conversions

Conversions Part 1

Format	Color
Hex	797A99
RGB	121, 122, 153
RGB Percent	47%, 48%, 60%
CMY	0.5271, 0.5231, 0.4016
CMYK	0.21, 0.20, 0.00, 0.40
HSL	238°, 14%, 54%
HSV	238°, 21%, 60%
XYZ	20.4558, 20.1443, 32.7682
YIQ	125.2350, -10.5470, 9.4290

Conversions

Conversions Part 2

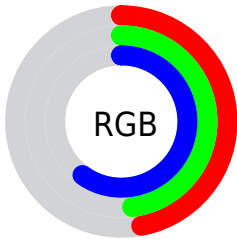
Format	Color
R_{YB}	121, 122, 153
Decimal	7961241
CIE _{Lab}	52.00, 6.53, -16.79
CIE _{LCh}	52, 18.013, 291.268
Yxy	20.1443, 0.2788, 0.2746
Android (android.graphics.Color)	4286151321 (0xFF797A99)
YUV	125.2350, 13.6881, -3.7141
Hunter-Lab	44.8824, 2.8096, -11.8693

Details

The CIELCh color $52, 18.013, 291.268$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $62, 17.230, 106.867$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 17.989, 291.913$, and $32, 18.388, 292.213$ is the 20% darker color. If you saturate the color by 10%, you get $47, 27.141, 292.703$, and if you desaturate by 10%, it is $57, 9.241, 290.043$.

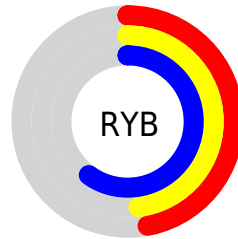
Distribution



Red (47%)

Green (48%)

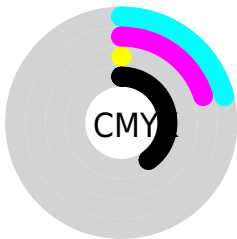
Blue (60%)



Red (47%)

Yellow (48%)

Blue (60%)

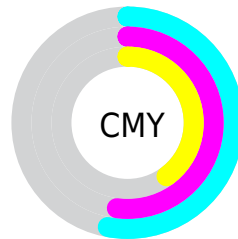


Cyan (21%)

Magenta (20%)

Yellow (0%)

Black (40%)



Cyan (53%)


Magenta (52%)

Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 18.013, 291.268 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, 18.013, 291.268 by changing the saturation by 10% instead.


 52, 18.013,
291.268


 52, 18.013,
291.268


 100, 18.013,
291.268


 42, 18.013,
291.268


 72, 18.013,
291.268


 32, 18.013,
291.268


 82, 18.013,
291.268

 22, 18.013,
291.268

 92, 18.013,
291.268

 12, 18.013,
291.268

 2, 18.013, 291.268

 0, 18.013, 291.268

■ 52, 18.013,
291.268

■ 52, 18.013,
291.268

■ 47, 27.141,
292.703

■ 57, 9.241, 290.043

■ 41, 36.651,
294.378

■ 63, 0.803, 289.069

■ 36, 46.538,
296.300

■ 68, 7.327, 108.090

■ 31, 56.728,
298.443

■ 73, 15.173,
107.330

■ 27, 66.966,
300.710

■ 78, 22.753,
106.674

■ 22, 76.638,
302.904

■ 83, 30.085,
106.107


■ 19, 84.631,
304.726

■ 88, 37.184,
105.614

■ 17, 89.643,

■ 93, 44.065,
105.184

305.811

 98, 50.722,
106.122

Harmonies

Complementary

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



52, 18.013, 291.268



62, 17.230, 106.867

Rectangle

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



52, 18.013, 291.268



52, 18.013, 341.268



52, 18.013, 111.268



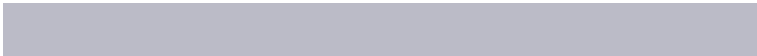
52, 18.013, 161.268

Sweetspot

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



52, 18.012, 291.267



76, 6.224, 289.522



61, 11.705, 195.403



40, 4.122, 289.581



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



52, 18.012, 291.267



64, 26.901, 291.890



53, 19.434, 308.893



30, 4.760, 289.851



15, 84.140, 305.761



0, 5.068, 288.921

Inverse Universe

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



54, 13.282, 18.412



66, 19.978, 18.893



61, 18.859, 126.942



30, 3.439, 17.348



28, 65.064, 37.796



1, 3.601, 16.833

Previews

White Background



This preview shows how the CIELCh color 52, 18.013, 291.268 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, 18.013, 291.268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

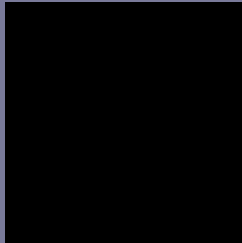
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 18.013, 291.268

Background



This preview shows how black text looks on a background with the CIELCh color 52, 18.013, 291.268.



This preview shows how white text looks on a background with the CIELCh color 52, 18.013, 291.268.

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

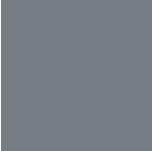
52, 18.013, 291.268

Protanopia

52, 17.499, 285.327

Deuteranopia

52, 18.621, 292.491



Tritanopia
52, 6.490, 262.990

Trichromacy



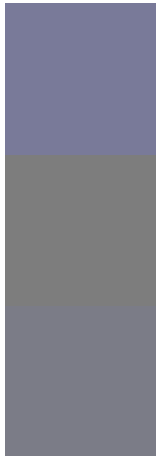
Original Color
52, 18.013, 291.268

Protanomaly
52, 18.045, 287.886

Deuteranomaly
52, 18.621, 292.491

Tritanomaly
52, 10.071, 278.587

Monochromacy



Original Color
52, 18.013, 291.268

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 6.392, 287.540

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 18.013, 291.268 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(121, 122, 153)` looks like.

```
.text, #text, p{  
    color:rgb(121, 122, 153)  
}
```

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(121, 122, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 122, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 18.013, 291.268 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(121, 122, 153) }
```

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

```
.border{ border-color:rgb(121, 122, 153) }
```

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

Here you see how a box with a 4 pixel rgb(121, 122, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 122, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 122, 153);  
box-shadow:4px 4px 4px 4px rgb(121, 122,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 18.013, 291.268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 122, 153) }
```

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

```
.background{ background-color: rgb(121,  
122, 153) }
```

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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