

Converting Colors

CIELCh(52, 12.093, 282.291)

Have a look what the booklet for
CIELCh(52, 12.093, 282.291)
contains.

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Color

CIELCh(52, 12.302, 283.093)

Conversions

Conversions Part 1

Format	Color
Hex	767B90
RGB	118, 123, 144
RGB Percent	46%, 48%, 56%
CMY	0.5360, 0.5164, 0.4340
CMYK	0.18, 0.15, 0.00, 0.43
HSL	228°, 11%, 52%
HSV	228°, 18%, 57%
XYZ	19.6979, 20.1443, 29.3694
YIQ	123.8990, -9.7210, 5.4710

Conversions

Conversions Part 2

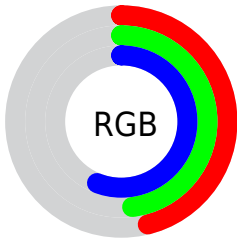
Format	Color
R_{YB}	118, 122, 144
Decimal	7764880
CIE Lab	52.00, 2.79, -11.98
CIE LCh	52, 12.302, 283.093
Yxy	20.1443, 0.2846, 0.2911
Android (android.graphics.Color)	4285954960 (0xFF767B90)
YUV	123.8990, 9.9098, -5.1734
Hunter-Lab	44.8824, -0.2045, -7.3795

Details

The CIELCh color `52, 12.302, 283.093` is a dark color, and the websafe version is hex `666666`. A complement of this color would be `58, 12.054, 98.860`, and the grayscale version is `52, 0.007, 296.813`.

A 20% lighter version of the original color is `72, 12.624, 283.388`, and `32, 12.785, 283.743` is the 20% darker color. If you saturate the color by 10%, you get `48, 19.412, 284.605`, and if you desaturate by 10%, it is `56, 5.400, 281.798`.

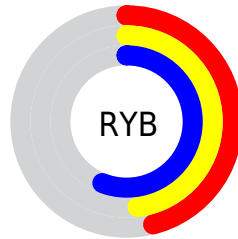
Distribution



Red (46%)

Green (48%)

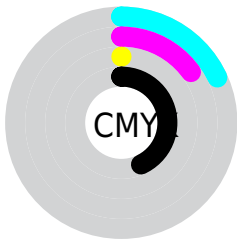
Blue (56%)



Red (46%)

Yellow (48%)

Blue (56%)

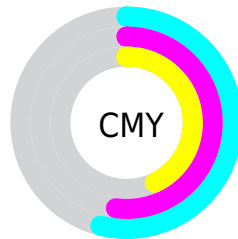


Cyan (18%)

Magenta (15%)

Yellow (0%)

Black (43%)



Cyan (54%)


Magenta (52%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 12.302, 283.093 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, 12.302, 283.093 by changing the saturation by 10% instead.


 52, 12.302,
283.093


 52, 12.302,
283.093


 100, 12.302,
283.093


 42, 12.302,
283.093


 72, 12.302,
283.093

 32, 12.302,
283.093

 82, 12.302,
283.093

 22, 12.302,
283.093

 92, 12.302,
283.093

 12, 12.302,
283.093

 2, 12.302, 283.093

 0, 12.302, 283.093

■ 52, 12.302,
283.093

■ 52, 12.302,
283.093

■ 48, 19.412,
284.605

■ 56, 5.400, 281.798

■ 43, 26.752,
286.371

■ 61, 1.305, 100.560

■ 65, 7.828, 99.665

■ 39, 34.343,
288.419

■ 69, 14.176, 98.827

■ 35, 42.202,
290.764

■ 74, 20.359, 98.090

■ 78, 26.385, 97.442

■ 30, 50.320,
293.389

■ 82, 32.259, 96.867

■ 26, 58.617,
296.220

■ 86, 37.988, 96.356

■ 91, 43.578, 95.899

■ 23, 66.844,
299.101

■ 20, 74.520,

301.738

■ 19, 75.931,
302.175

Harmonies

Complementary

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



52, 12.302, 283.093



58, 12.054, 98.860

Rectangle

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



52, 12.302, 283.093



52, 12.302, 333.093



52, 12.302, 103.093



52, 12.302, 153.093

Sweetspot

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



52, 12.301, 283.090



74, 4.175, 281.466



58, 10.304, 181.703



38, 2.841, 281.535



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



52, 12.301, 283.090



64, 18.809, 283.735



51, 15.507, 302.898



28, 3.774, 281.935



18, 72.002, 302.013



0, 2.520, 280.864

Inverse Universe

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



52, 11.027, 5.549



65, 16.935, 6.072



59, 14.994, 120.796



28, 3.348, 4.595



27, 57.507, 28.485



0, 2.210, 3.837

Previews

White Background



This preview shows how the CIELCh color 52, 12.302, 283.093 looks on a white background.

Color Contrast Check

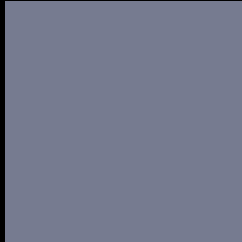
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 52, 12.302, 283.093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

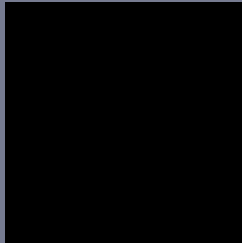
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

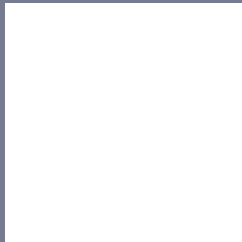
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 12.302, 283.093

Background



This preview shows how black text looks on a background with the CIELCh color 52, 12.302, 283.093.

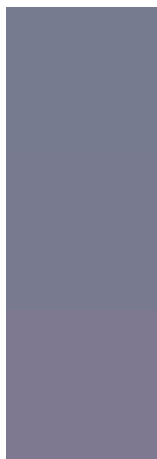


This preview shows how white text looks on a background with the CIELCh color 52, 12.302, 283.093.

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

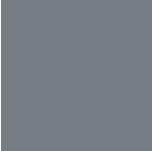
52, 12.302, 283.093

Protanopia

52, 12.229, 286.497

Deuteranopia

52, 14.123, 299.500



Tritanopia
52, 6.490, 262.990

Trichromacy



Original Color
52, 12.302, 283.093

Protanomaly
52, 12.261, 284.786

Deuteranomaly
52, 13.388, 293.436

Tritanomaly
52, 8.489, 273.150

Monochromacy



Original Color
52, 12.302, 283.093

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 4.127, 279.851

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 12.302, 283.093 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(118, 123, 144)` looks like.

```
.text, #text, p{  
    color:rgb(118, 123, 144)  
}
```

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(118, 123, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 123, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 12.302, 283.093 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(118, 123, 144) }
```

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

```
.border{ border-color:rgb(118, 123, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 123, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 123, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 123, 144);  
box-shadow:4px 4px 4px 4px rgb(118, 123,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 12.302, 283.093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 123, 144) }
```

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

```
.background{ background-color: rgb(118,  
123, 144) }
```

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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