

Converting Colors

CIELCh(52, 15.387, 287.682)

Have a look what the booklet for
CIELCh(52, 15.387, 287.682)
contains.

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Color

CIELCh(52, 15.716, 288.170)

Conversions

Conversions Part 1

Format	Color
Hex	777A95
RGB	119, 122, 149
RGB Percent	47%, 48%, 58%
CMY	0.5318, 0.5201, 0.4141
CMYK	0.20, 0.18, 0.00, 0.41
HSL	234°, 12%, 53%
HSV	234°, 20%, 59%
XYZ	20.1231, 20.1443, 31.4272
YIQ	124.1810, -10.4550, 7.7610

Conversions

Conversions Part 2

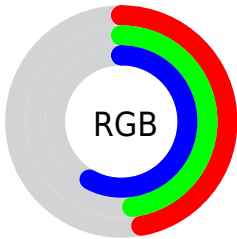
Format	Color
R_{YB}	119, 122, 149
Decimal	7830165
CIE _{Lab}	52.00, 4.90, -14.93
CIE _{LCh}	52, 15.716, 288.170
Yxy	20.1443, 0.2807, 0.2810
Android (android.graphics.Color)	4286020245 (0xFF777A95)
YUV	124.1810, 12.2358, -4.5437
Hunter-Lab	44.8824, 1.4867, -10.0978

Details

The CIELCh color $52, 15.716, 288.170$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $60, 15.173, 103.743$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 15.817, 289.188$, and $32, 15.889, 288.880$ is the 20% darker color. If you saturate the color by 10%, you get $47, 23.969, 289.644$, and if you desaturate by 10%, it is $57, 7.758, 286.910$.

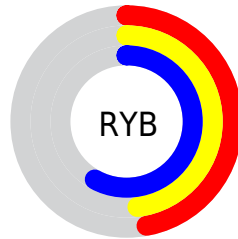
Distribution



Red (47%)

Green (48%)

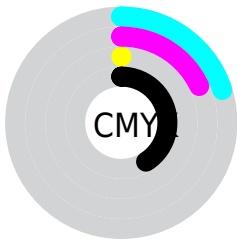
Blue (58%)



Red (47%)

Yellow (48%)

Blue (58%)

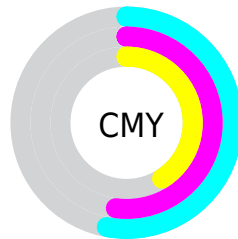


Cyan (20%)

Magenta (18%)

Yellow (0%)

Black (41%)



Cyan (53%)


Magenta (52%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 15.716, 288.170 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, 15.716, 288.170 by changing the saturation by 10% instead.


 52, 15.716,
288.170


 52, 15.716,
288.170


 100, 15.716,
288.170


 42, 15.716,
288.170


 72, 15.716,
288.170


 32, 15.716,
288.170

 82, 15.716,
288.170

 22, 15.716,
288.170

 92, 15.716,
288.170

 12, 15.716,
288.170

 2, 15.716, 288.170

 0, 15.716, 288.170

■ 52, 15.716,
288.170

■ 52, 15.716,
288.170

■ 47, 23.969,
289.644

■ 57, 7.758, 286.910

■ 42, 32.543,
291.364

■ 62, 0.075, 286.962

■ 37, 41.455,
293.350

■ 67, 7.354, 104.876

■ 33, 50.687,
295.597

■ 71, 14.547,
104.080

■ 28, 60.130,
298.047

■ 76, 21.517,
103.388

■ 24, 69.468,
300.561

■ 81, 28.278,
102.783


■ 21, 78.023,
302.902

■ 86, 34.841,
102.254

■ 18, 84.773,

■ 90, 41.218,
101.787

304.677

 95, 47.419,
101.374

Harmonies

Complementary

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



52, 15.716, 288.170



60, 15.173, 103.743

Rectangle

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



52, 15.716, 288.170



52, 15.716, 338.170



52, 15.716, 108.170



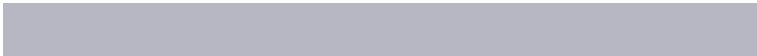
52, 15.716, 158.170

Sweetspot

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



52, 15.715, 288.168



75, 5.669, 286.468



60, 11.264, 189.672



39, 3.752, 286.529



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, 15.715, 288.168



64, 23.395, 288.788



52, 18.087, 306.547



29, 4.302, 286.807



16, 79.517, 304.546



0, 3.709, 285.809

Inverse Universe

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



53, 12.495, 12.930



65, 18.705, 13.435



60, 17.507, 124.524



29, 3.367, 11.824



28, 61.891, 34.684



1, 2.863, 11.152

Previews

White Background



This preview shows how the CIELCh color 52, 15.716, 288.170 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, 15.716, 288.170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

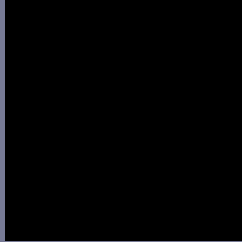
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

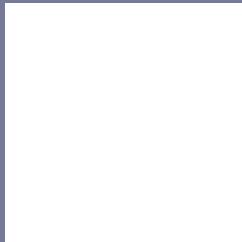
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 15.716, 288.170

Background



This preview shows how black text looks on a background with the CIELCh color 52, 15.716, 288.170.



This preview shows how white text looks on a background with the CIELCh color 52, 15.716, 288.170.

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

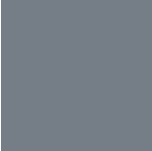
52, 15.716, 288.170

Protanopia

52, 15.744, 285.551

Deuteranopia

52, 16.907, 294.745



Tritanopia
52, 6.490, 262.990

Trichromacy



Original Color
52, 15.716, 288.170

Protanomaly
52, 15.715, 286.847

Deuteranomaly
52, 16.277, 292.200

Tritanomaly
52, 9.509, 277.695

Monochromacy



Original Color
52, 15.716, 288.170

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 5.813, 287.113

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 15.716, 288.170 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(119, 122, 149)` looks like.

```
.text, #text, p{  
    color:rgb(119, 122, 149)  
}
```

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(119, 122, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 122, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 15.716, 288.170 is called "border". The border property can be set on classes, ids or directly on the HTML element.

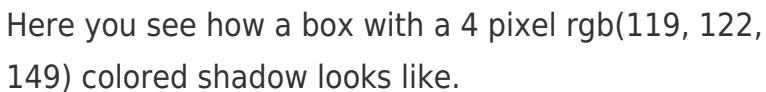
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 122, 149) }
```

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

```
.border{ border-color:rgb(119, 122, 149) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 122, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 122, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 122, 149); box-shadow:4px 4px 4px 4px rgb(119, 122, 149) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 15.716, 288.170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 122, 149) }
```

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

```
.background{ background-color: rgb(119,  
122, 149) }
```

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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