

Converting Colors

CIELCh(52, 15.609, 274.857)

Have a look what the booklet for
CIELCh(52, 15.609, 274.857)
contains.

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Color

CIELCh(52, 15.655, 274.898)

Conversions

Conversions Part 1

Format	Color
Hex	6F7C96
RGB	111, 124, 150
RGB Percent	44%, 49%, 59%
CMY	0.5630, 0.5121, 0.4100
CMYK	0.26, 0.17, 0.00, 0.41
HSL	220°, 16%, 51%
HSV	220°, 26%, 59%
XYZ	19.4097, 20.1443, 31.9043
YIQ	123.0770, -16.0940, 5.3300

Conversions

Conversions Part 2

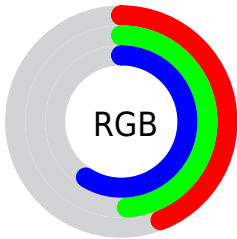
Format	Color
R_{YB}	111, 121, 150
Decimal	7306390
CIE _{Lab}	52.00, 1.34, -15.60
CIE _{LCh}	52, 15.655, 274.898
Yxy	20.1443, 0.2716, 0.2819
Android (android.graphics.Color)	4285496470 (0xFF6F7C96)
YUV	123.0770, 13.2730, -10.5915
Hunter-Lab	44.8824, -1.3507, -10.7281

Details

The CIELCh color $52, 15.655, 274.898$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $58, 15.743, 87.900$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 15.779, 275.240$, and $32, 15.763, 275.330$ is the 20% darker color. If you saturate the color by 10%, you get $48, 21.861, 276.783$, and if you desaturate by 10%, it is $56, 9.546, 273.282$.

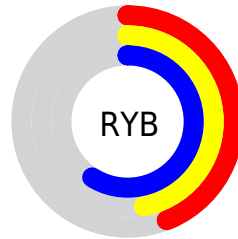
Distribution



Red (44%)

Green (49%)

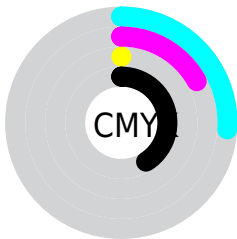
Blue (59%)



Red (44%)

Yellow (47%)

Blue (59%)

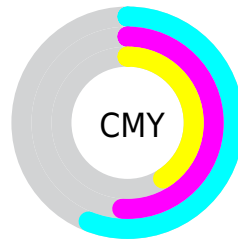


Cyan (26%)

Magenta (17%)

Yellow (0%)

Black (41%)



Cyan (56%)


Magenta (51%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 15.655, 274.898 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, 15.655, 274.898 by changing the saturation by 10% instead.


 52, 15.655,
274.898


 52, 15.655,
274.898


 100, 15.655,
274.898


 42, 15.655,
274.898


 72, 15.655,
274.898

 32, 15.655,
274.898

 82, 15.655,
274.898

 22, 15.655,
274.898

 92, 15.655,
274.898

 12, 15.655,
274.898

 2, 15.655, 274.898

 0, 15.655, 274.898

■ 52, 15.655,
274.898

■ 52, 15.655,
274.898

■ 48, 21.861,
276.783

■ 56, 9.546, 273.282

■ 44, 28.178,
278.982

■ 60, 3.532, 271.922

■ 64, 2.390, 90.582

■ 40, 34.623,
281.527

■ 68, 8.217, 89.595

■ 37, 41.223,
284.432

■ 72, 13.951, 88.693

■ 76, 19.588, 87.895

■ 33, 48.002,
287.671

■ 79, 25.130, 87.188

■ 30, 54.958,
291.155

■ 83, 30.575, 86.558

■ 87, 35.925, 85.993

■ 26, 62.012,
294.697

■ 25, 64.886,

Harmonies

Complementary

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



52, 15.655, 274.898



58, 15.743, 87.900

Rectangle

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



52, 15.655, 274.898



52, 15.655, 324.898



52, 15.655, 94.898



52, 15.655, 144.898

Sweetspot

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



52, 15.654, 274.896



75, 5.923, 272.200



59, 16.460, 171.250



39, 4.247, 272.386



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, 15.654, 274.896



64, 23.353, 275.935



49, 23.140, 298.873



29, 3.322, 272.334



23, 60.327, 295.707



1, 2.888, 271.137

Inverse Universe

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



51, 17.570, 356.340



63, 26.277, 357.076



61, 21.863, 114.870



29, 3.672, 354.479



28, 54.350, 16.576



1, 3.159, 353.695

Previews

White Background



This preview shows how the CIELCh color 52, 15.655, 274.898 looks on a white background.

Color Contrast Check

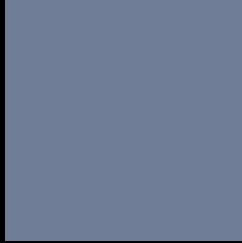
Large Text (above 18pt) WCAG AA ✓ Pass

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, 15.655, 274.898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

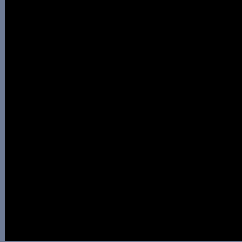
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

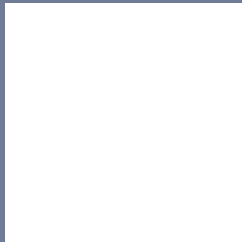
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 15.655, 274.898

Background



This preview shows how black text looks on a background with the CIELCh color 52, 15.655, 274.898.



This preview shows how white text looks on a background with the CIELCh color 52, 15.655, 274.898.

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, 15.655, 274.898

Protanopia

52, 15.170, 285.206

Deuteranopia

52, 17.470, 293.537



Tritanopia
52, 8.715, 240.852

Trichromacy



Original Color
52, 15.655, 274.898

Protanomaly
52, 15.285, 281.208

Deuteranomaly
52, 16.892, 287.401

Tritanomaly
52, 10.817, 258.617

Monochromacy



Original Color
52, 15.655, 274.898

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 6.079, 272.579

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 15.655, 274.898 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(111, 124, 150)` looks like.

```
.text, #text, p{  
    color:rgb(111, 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(111, 124, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 124, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 15.655, 274.898 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(111, 124, 150) }
```

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

```
.border{ border-color:rgb(111, 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(111, 124, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 124, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 124, 150);  
box-shadow:4px 4px 4px 4px rgb(111, 124,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 15.655, 274.898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 124, 150) }
```

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

```
.background{ background-color: rgb(111,  
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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