

Converting Colors

CIELCh(52, 10.591, 199.771)

Have a look what the booklet for
CIELCh(52, 10.591, 199.771)
contains.

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Color

CIELCh(52, 10.451, 201.572)

Conversions

Conversions Part 1

Format	Color
Hex	658182
RGB	101, 129, 130
RGB Percent	40%, 51%, 51%
CMY	0.6032, 0.4934, 0.4895
CMYK	0.22, 0.01, 0.00, 0.49
HSL	182°, 13%, 45%
HSV	182°, 22%, 51%
XYZ	17.3044, 20.1443, 24.1618
YIQ	120.7420, -17.0090, -5.6250

Conversions

Conversions Part 2

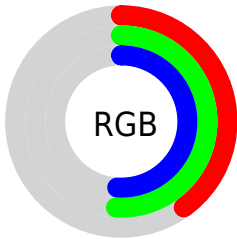
Format	Color
R_{YB}	101, 115, 130
Decimal	6652290
CIE _{Lab}	52.00, -9.72, -3.84
CIE _{LCh}	52, 10.451, 201.572
Yxy	20.1443, 0.2809, 0.3270
Android (android.graphics.Color)	4284842370 (0xFF658182)
YUV	120.7420, 4.5642, -17.3137
Hunter-Lab	44.8824, -9.7237, -0.5002

Details

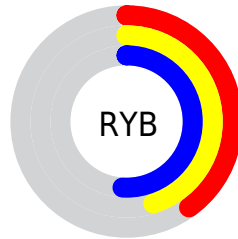
The CIELCh color $52, 10.451, 201.572$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $46, 12.072, 23.669$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 10.336, 201.656$, and $32, 10.556, 201.393$ is the 20% darker color. If you saturate the color by 10%, you get $51, 14.615, 201.269$, and if you desaturate by 10%, it is $53, 5.931, 201.945$.

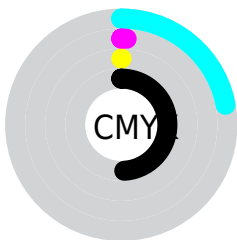
Distribution



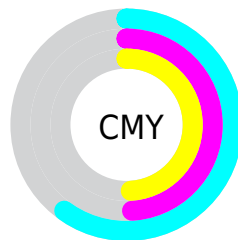
- Red (40%)
- Green (51%)
- Blue (51%)



- Red (40%)
- Yellow (45%)
- Blue (51%)



- Cyan (22%)
- Magenta (1%)
- Yellow (0%)
- Black (49%)





- Cyan (60%)
- Magenta (49%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 10.451, 201.572 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, 10.451, 201.572 by changing the saturation by 10% instead.


 52, 10.451,
201.572


 52, 10.451,
201.572


 100, 10.451,
201.572


 42, 10.451,
201.572


 72, 10.451,
201.572

 32, 10.451,
201.572

 82, 10.451,
201.572

 22, 10.451,
201.572

 92, 10.451,
201.572

 12, 10.451,
201.572

 2, 10.451, 201.572

 0, 10.451, 201.572

■ 52, 10.451,
201.572

■ 52, 10.451,
201.572

■ 51, 14.615,
201.269

■ 53, 5.931, 201.945

■ 50, 18.346,
201.052

■ 54, 1.127, 202.636

■ 55, 3.894, 22.615

■ 50, 21.574,
200.924

■ 57, 9.072, 23.148

■ 49, 24.240,
200.896

■ 58, 14.358, 23.661

■ 60, 19.710, 24.180

■ 48, 26.303,
200.978

■ 61, 25.094, 24.706

■ 48, 27.752,
201.178

■ 63, 30.486, 25.233

■ 64, 35.865, 25.758

■ 48, 28.612,
201.502

■ 48, 29.066,

Harmonies

Complementary

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



52, 10.451, 201.572



46, 12.072, 23.669

Rectangle

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



52, 10.451, 201.572



52, 10.451, 251.572



52, 10.451, 21.572



52, 10.451, 71.572

Sweetspot

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



52, 10.451, 201.566



68, 4.224, 202.192



52, 20.134, 143.941



35, 2.729, 202.167



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



52, 10.451, 201.566



65, 15.343, 201.398



48, 10.285, 262.115



27, 2.787, 202.088



48, 29.044, 201.794



1, 0.683, 202.391

Inverse Universe

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



47, 20.135, 326.556



57, 30.088, 326.842



50, 10.761, 76.207



26, 5.150, 325.837



30, 68.313, 329.606



0, 1.227, 325.369

Previews

White Background



This preview shows how the CIELCh color 52, 10.451, 201.572 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, 10.451, 201.572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

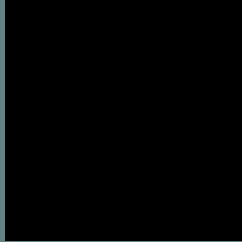
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 10.451, 201.572

Background



This preview shows how black text looks on a background with the CIELCh color 52, 10.451, 201.572.



This preview shows how white text looks on a background with the CIELCh color 52, 10.451, 201.572.

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, 10.451, 201.572

Protanopia
52, 2.470, 309.165

Deuteranopia
52, 8.467, 324.899



Tritanopia
52, 10.639, 231.901

Trichromacy



Original Color
52, 10.451, 201.572

Protanomaly
52, 3.872, 225.982

Deuteranomaly
52, 4.705, 281.291

Tritanomaly
52, 10.263, 222.014

Monochromacy



Original Color
52, 10.451, 201.572

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 3.916, 199.082

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 10.451, 201.572 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(101, 129, 130)` looks like.

```
.text, #text, p{  
    color:rgb(101, 129, 130)  
}
```

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(101, 129, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 129, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 10.451, 201.572 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(101, 129, 130) }
```

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

```
.border{ border-color:rgb(101, 129, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 129, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(101, 129, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(101, 129, 130); box-shadow:4px 4px 4px 4px rgb(101, 129, 130) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 10.451, 201.572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 129, 130) }
```

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

```
.background{ background-color: rgb(101,  
129, 130) }
```

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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