

Converting Colors

CIELCh(52, 19.968, 174.021)

Have a look what the booklet for
CIELCh(52, 19.968, 174.021)
contains.

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Color

CIELCh(52, 19.777, 174.863)

Conversions

Conversions Part 1

Format	Color
Hex	548578
RGB	84, 133, 120
RGB Percent	33%, 52%, 47%
CMY	0.6692, 0.4770, 0.5280
CMYK	0.37, 0.00, 0.10, 0.48
HSL	164°, 23%, 43%
HSV	164°, 37%, 52%
XYZ	15.5400, 20.1443, 20.9548
YIQ	116.8670, -25.0310, -14.4310

Conversions

Conversions Part 2

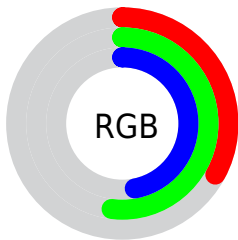
Format	Color
RYB	84, 112, 133
Decimal	5539192
CIELab	52.00, -19.70, 1.77
CIElCh	52, 19.777, 174.863
Yxy	20.1443, 0.2744, 0.3557
Android (android.graphics.Color)	4283729272 (0xFF548578)
YUV	116.8670, 1.5446, -28.8244
Hunter-Lab	44.8824, -16.7407, 3.7362

Details

The CIELCh color `52, 19.777, 174.863` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `42, 22.304, 2.570`, and the grayscale version is `49, 0.007, 296.813`.

A 20% lighter version of the original color is `72, 19.515, 174.785`, and `32, 19.687, 175.784` is the 20% darker color. If you saturate the color by 10%, you get `51, 24.528, 173.708`, and if you desaturate by 10%, it is `53, 14.681, 175.926`.

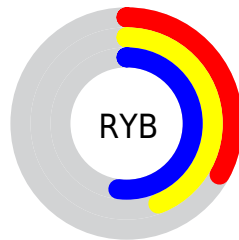
Distribution



Red (33%)

Green (52%)

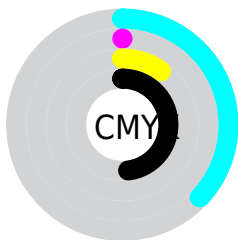
Blue (47%)



Red (33%)

Yellow (44%)

Blue (52%)

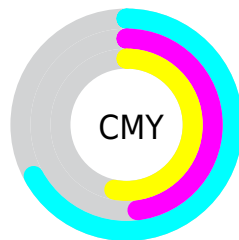


Cyan (37%)

Magenta (0%)

Yellow (10%)

Black (48%)



Cyan (67%)


Magenta (48%)


Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 19.777, 174.863 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, 19.777, 174.863 by changing the saturation by 10% instead.


 52, 19.777,
174.863


 52, 19.777,
174.863


 100, 19.777,
174.863


 42, 19.777,
174.863


 72, 19.777,
174.863

 32, 19.777,
174.863

 82, 19.777,
174.863

 22, 19.777,
174.863

 92, 19.777,
174.863

 12, 19.777,
174.863

 2, 19.777, 174.863

 0, 19.777, 174.863

■ 52, 19.777,
174.863

■ 52, 19.777,
174.863

■ 51, 24.528,
173.708

■ 53, 14.681,
175.926

■ 51, 28.844,
172.445

■ 54, 9.324, 176.923

■ 50, 32.651,
171.050

■ 55, 3.792, 177.900

■ 56, 1.845, 358.477

■ 50, 35.896,
169.502

■ 57, 7.524, 359.450

■ 49, 38.561,
167.781

■ 59, 13.197, 0.258

■ 60, 18.825, 1.020

■ 49, 40.723,
165.914

■ 62, 24.382, 1.748

■ 49, 41.406,
165.329

■ 63, 29.848, 2.447

Harmonies

Complementary

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



52, 19.777, 174.863



42, 22.304, 2.570

Rectangle

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



52, 19.777, 174.863



52, 19.777, 224.863



52, 19.777, 354.863



52, 19.777, 44.863

Sweetspot

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



52, 19.778, 174.861



69, 7.633, 177.455



52, 31.764, 134.989



36, 5.102, 177.347



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



52, 19.778, 174.861



66, 28.748, 173.918



49, 14.547, 225.914



27, 3.149, 177.662



48, 40.624, 165.384



1, 0.761, 178.408

Inverse Universe

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



42, 22.304, 2.570



50, 33.358, 3.935



44, 18.562, 42.612



26, 3.240, 359.165



26, 53.561, 22.308



0, 0.761, 358.394

Previews

White Background



This preview shows how the CIELCh color 52, 19.777, 174.863 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, 19.777, 174.863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

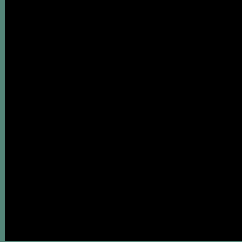
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 19.777, 174.863

Background



This preview shows how black text looks on a background with the CIELCh color 52, 19.777, 174.863.

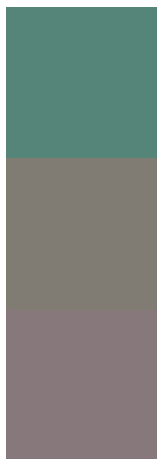


This preview shows how white text looks on a background with the CIELCh color 52, 19.777, 174.863.

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, 19.777, 174.863

Protanopia
52, 5.057, 85.534

Deuteranopia
52, 6.340, 4.206



Tritanopia
52, 15.356, 222.919

Trichromacy



Original Color
52, 19.777, 174.863

Protanomaly
52, 8.394, 154.865

Deuteranomaly
52, 3.640, 170.517

Tritanomaly
52, 15.643, 202.155

Monochromacy



Original Color
52, 19.777, 174.863

Achromatopsia
49, 0.007, 296.813

Achromatomaly
50, 7.699, 176.256

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 19.777, 174.863 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(84, 133, 120)` looks like.

```
.text, #text, p{  
    color:rgb(84, 133, 120)  
}
```

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(84, 133, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 133, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 19.777, 174.863 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(84, 133, 120) }
```

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

```
.border{ border-color:rgb(84, 133, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 133, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 133, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 133, 120);  
box-shadow:4px 4px 4px 4px rgb(84, 133,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 19.777, 174.863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 133, 120) }
```

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

```
.background{ background-color: rgb(84, 133,  
120) }
```

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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