

Converting Colors

CIELCh(52, 4.694, 194.722)

Have a look what the booklet for
CIELCh(52, 4.694, 194.722) contains.

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Color

CIELCh(52, 4.670, 198.991)

Conversions

Conversions Part 1

Format	Color
Hex	727E7E
RGB	114, 126, 126
RGB Percent	45%, 49%, 49%
CMY	0.5514, 0.5043, 0.5043
CMYK	0.10, 0.00, 0.00, 0.50
HSL	180°, 5%, 47%
HSV	180°, 10%, 50%
XYZ	18.2942, 20.1443, 22.7978
YIQ	122.4120, -7.1520, -2.5440

Conversions

Conversions Part 2

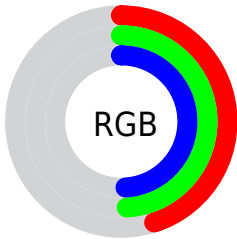
Format	Color
R_{YB}	114, 120, 126
Decimal	7503486
CIE Lab	52.00, -4.42, -1.52
CIE LCh	52, 4.670, 198.991
Yxy	20.1443, 0.2987, 0.3290
Android (android.graphics.Color)	4285693566 (0xFF727E7E)
YUV	122.4120, 1.7689, -7.3773
Hunter-Lab	44.8824, -5.7873, 1.3017

Details

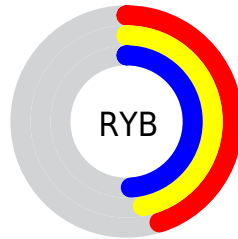
The CIELCh color $52, 4.670, 198.991$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $49, 4.946, 19.889$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 4.767, 199.118$, and $32, 4.620, 198.772$ is the 20% darker color. If you saturate the color by 10%, you get $51, 9.331, 198.445$, and if you desaturate by 10%, it is $53, 0.252, 17.855$.

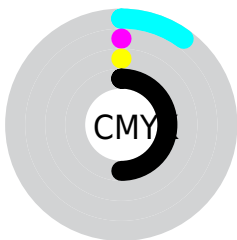
Distribution



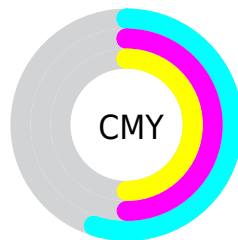
- Red (45%)
- Green (49%)
- Blue (49%)



- Red (45%)
- Yellow (47%)
- Blue (49%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (50%)



- Cyan (55%)
- Magenta (50%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 4.670, 198.991 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, 4.670, 198.991 by changing the saturation by 10% instead.

■ 52, 4.670, 198.991

■ 52, 4.670, 198.991

■ 100, 4.670,
198.991

■ 42, 4.670, 198.991

■ 72, 4.670, 198.991

■ 32, 4.670, 198.991

■ 82, 4.670, 198.991

■ 22, 4.670, 198.991

■ 92, 4.670, 198.991

■ 12, 4.670, 198.991

■ 2, 4.670, 198.991

■ 0, 4.670, 198.991

■ 52, 4.670, 198.991

■ 52, 4.670, 198.991

■ 51, 9.331, 198.445

■ 53, 0.252, 17.855

■ 50, 13.656,

■ 54, 5.371, 19.897

197.984

55, 10.627, 20.507

50, 17.572,
197.579

57, 15.972, 21.109

49, 21.006,
197.230

58, 21.365, 21.713

49, 23.898,
196.941

59, 26.774, 22.319

48, 26.205,
196.712

61, 32.175, 22.923

48, 27.911,
196.545

63, 37.548, 23.522

48, 29.032,
196.434

48, 29.760,
196.362

Harmonies

Complementary

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



52, 4.670, 198.991



49, 4.946, 19.889

Rectangle

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



52, 4.670, 198.991



52, 4.670, 248.991



52, 4.670, 18.991



52, 4.670, 68.991

Sweetspot

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



52, 4.671, 198.977



67, 1.844, 199.484



52, 8.481, 143.498



34, 1.389, 199.397



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



52, 4.671, 198.977



66, 6.636, 198.875



50, 4.122, 254.821



26, 2.793, 199.000



48, 29.982, 196.359



0, 0.000, 0.000

Inverse Universe

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



49, 4.946, 19.889



62, 7.105, 20.023



51, 4.219, 72.440



25, 2.951, 19.859



25, 61.095, 38.339



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 52, 4.670, 198.991 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, 4.670, 198.991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

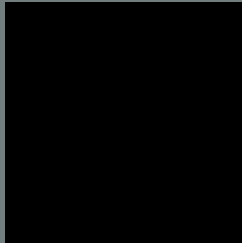
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

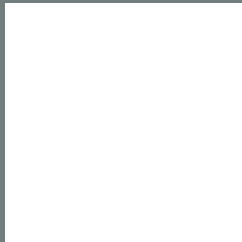
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 4.670, 198.991

Background



This preview shows how black text looks on a background with the CIELCh color 52, 4.670, 198.991.



This preview shows how white text looks on a background with the CIELCh color 52, 4.670, 198.991.

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, 4.670, 198.991

Protanopia

52, 1.682, 335.676

Deuteranopia

52, 7.297, 340.742



Tritanopia
52, 6.664, 260.113

Trichromacy



Original Color
52, 4.670, 198.991

Protanomaly
52, 1.398, 255.979

Deuteranomaly
52, 3.543, 324.596

Tritanomaly
52, 5.396, 239.426

Monochromacy



Original Color
52, 4.670, 198.991

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 1.583, 199.479

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 4.670, 198.991 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(114, 126, 126)` looks like.

```
.text, #text, p{  
    color:rgb(114, 126, 126)  
}
```

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(114, 126, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 126, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 4.670, 198.991 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(114, 126, 126) }
```

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

```
.border{ border-color:rgb(114, 126, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 126, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 126, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 126, 126);  
box-shadow:4px 4px 4px 4px rgb(114, 126,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 4.670, 198.991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 126, 126) }
```

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

```
.background{ background-color: rgb(114,  
126, 126) }
```

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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