

Converting Colors

CIELCh(52, 15.756, 187.143)

Have a look what the booklet for
CIELCh(52, 15.756, 187.143)
contains.

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Color

CIELCh(52, 15.752, 187.121)

Conversions

Conversions Part 1

Format	Color
Hex	5A847F
RGB	90, 132, 127
RGB Percent	35%, 52%, 50%
CMY	0.6478, 0.4831, 0.5027
CMYK	0.32, 0.00, 0.04, 0.48
HSL	173°, 19%, 43%
HSV	173°, 32%, 52%
XYZ	16.2439, 20.1443, 23.0480
YIQ	118.8720, -23.4270, -10.4590

Conversions

Conversions Part 2

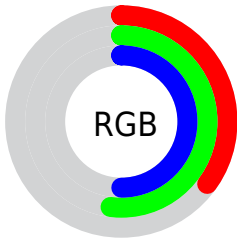
Format	Color
R_{YB}	90, 112, 132
Decimal	5932159
CIE _{Lab}	52.00, -15.63, -1.95
CIE _{LCh}	52, 15.752, 187.121
Y _{xy}	20.1443, 0.2733, 0.3389
Android (android.graphics.Color)	4284122239 (0xFF5A847F)
YUV	118.8720, 4.0071, -25.3207
Hunter-Lab	44.8824, -13.9413, 0.9711

Details

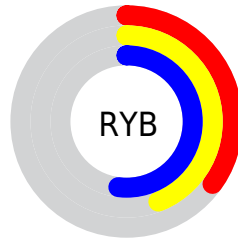
The CIELCh color $52, 15.752, 187.121$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $43, 18.512, 12.869$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 15.473, 188.006$, and $32, 15.653, 187.791$ is the 20% darker color. If you saturate the color by 10%, you get $51, 20.023, 186.276$, and if you desaturate by 10%, it is $53, 11.101, 187.938$.

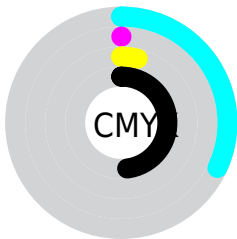
Distribution



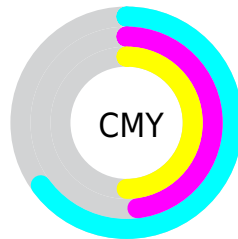
- Red (35%)
- Green (52%)
- Blue (50%)



- Red (35%)
- Yellow (44%)
- Blue (52%)



- Cyan (32%)
- Magenta (0%)
- Yellow (4%)
- Black (48%)





- Cyan (65%)
- Magenta (48%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 15.752, 187.121 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, 15.752, 187.121 by changing the saturation by 10% instead.


 52, 15.752,
187.121


 52, 15.752,
187.121


 100, 15.752,
187.121


 42, 15.752,
187.121


 72, 15.752,
187.121

 32, 15.752,
187.121

 82, 15.752,
187.121

 22, 15.752,
187.121

 92, 15.752,
187.121

 12, 15.752,
187.121

 2, 15.752, 187.121

 0, 15.752, 187.121

■ 52, 15.752,
187.121

■ 52, 15.752,
187.121

■ 51, 20.023,
186.276

■ 53, 11.101,
187.938

■ 51, 23.832,
185.401

■ 54, 6.150, 188.755

■ 50, 27.108,
184.478

■ 55, 0.978, 189.864

■ 50, 29.799,
183.493

■ 56, 4.347, 10.132

■ 49, 31.882,
182.427

■ 57, 9.765, 10.928

■ 49, 33.372,
181.263

■ 59, 15.227, 11.674

■ 49, 34.342,
180.291

■ 60, 20.695, 12.400

■ 62, 26.138, 13.108

■ 63, 31.536, 13.800

Harmonies

Complementary

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



52, 15.752, 187.121



43, 18.512, 12.869

Rectangle

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



52, 15.752, 187.121



52, 15.752, 237.121



52, 15.752, 7.121



52, 15.752, 57.121

Sweetspot

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



52, 15.753, 187.118



69, 6.430, 188.892



51, 28.481, 138.992



36, 4.411, 188.791



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, 15.753, 187.118



66, 22.710, 186.532



48, 12.907, 243.771



27, 2.953, 188.986



49, 34.003, 180.309



1, 0.719, 189.621

Inverse Universe

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



43, 18.512, 12.869



52, 27.771, 13.919



47, 15.092, 57.109



26, 3.083, 10.285



26, 58.494, 33.286



0, 0.719, 9.605

Previews

White Background



This preview shows how the CIELCh color 52, 15.752, 187.121 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, 15.752, 187.121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

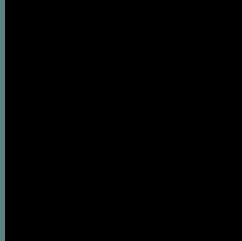
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

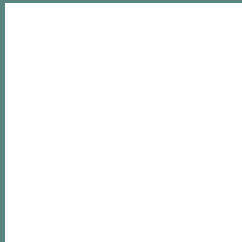
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 15.752, 187.121

Background



This preview shows how black text looks on a background with the CIELCh color 52, 15.752, 187.121.



This preview shows how white text looks on a background with the CIELCh color 52, 15.752, 187.121.

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, 15.752, 187.121

Protanopia
52, 1.331, 45.002

Deuteranopia
52, 7.386, 335.212



Tritanopia
52, 14.068, 222.787

Trichromacy



Original Color
52, 15.752, 187.121

Protanomaly
52, 5.235, 186.066

Deuteranomaly
52, 3.546, 240.359

Tritanomaly
52, 14.077, 207.618

Monochromacy



Original Color
52, 15.752, 187.121

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 6.367, 188.185

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 15.752, 187.121 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(90, 132, 127)` looks like.

```
.text, #text, p{  
  color:rgb(90, 132, 127)  
}
```

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(90, 132, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 132, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 15.752, 187.121 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(90, 132, 127) }
```

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

```
.border{ border-color:rgb(90, 132, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 132, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 132, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 132, 127);  
box-shadow:4px 4px 4px 4px rgb(90, 132,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 15.752, 187.121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 132, 127) }
```

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

```
.background{ background-color: rgb(90, 132,  
127) }
```

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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