

Converting Colors

CIELCh(52, 18.769, 197.476)

Have a look what the booklet for
CIELCh(52, 18.769, 197.476)
contains.

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Color

CIELCh(52, 18.723, 197.548)

Conversions

Conversions Part 1

Format	Color
Hex	4F8585
RGB	79, 133, 133
RGB Percent	31%, 52%, 52%
CMY	0.6900, 0.4783, 0.4783
CMYK	0.41, 0.00, 0.00, 0.48
HSL	180°, 25%, 42%
HSV	180°, 41%, 52%
XYZ	15.8569, 20.1443, 25.2570
YIQ	116.8540, -32.1840, -11.4480

Conversions

Conversions Part 2

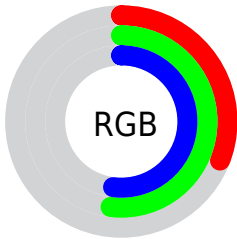
Format	Color
R_{YB}	79, 106, 133
Decimal	5211525
CIE _{Lab}	52.00, -17.85, -5.65
CIE _{LCh}	52, 18.723, 197.548
Yxy	20.1443, 0.2589, 0.3288
Android (android.graphics.Color)	4283401605 (0xFF4F8585)
YUV	116.8540, 7.9600, -33.1980
Hunter-Lab	44.8824, -15.4804, -1.9470

Details

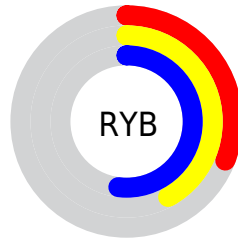
The CIELCh color **52, 18.723, 197.548** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **40, 24.689, 23.172**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 18.694, 197.956**, and **32, 18.495, 198.868** is the 20% darker color. If you saturate the color by 10%, you get **51, 22.233, 197.203**, and if you desaturate by 10%, it is **53, 14.700, 197.945**.

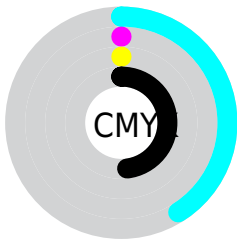
Distribution



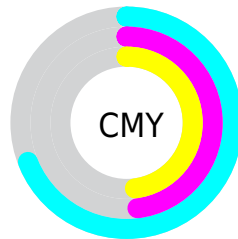
- Red (31%)
- Green (52%)
- Blue (52%)



- Red (31%)
- Yellow (42%)
- Blue (52%)



- Cyan (41%)
- Magenta (0%)
- Yellow (0%)
- Black (48%)




- Cyan (69%)
- Magenta (48%)
- Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 18.723, 197.548 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, 18.723, 197.548 by changing the saturation by 10% instead.

 52, 18.723,
197.548


 52, 18.723,
197.548


 100, 18.723,
197.548


 42, 18.723,
197.548


 72, 18.723,
197.548

 32, 18.723,
197.548

 82, 18.723,
197.548

 22, 18.723,
197.548

 92, 18.723,
197.548

 12, 18.723,
197.548

 2, 18.723, 197.548

 0, 18.723, 197.548

■ 52, 18.723,
197.548

■ 52, 18.723,
197.548

■ 51, 22.233,
197.203

■ 53, 14.700,
197.945

■ 51, 25.167,
196.922

■ 54, 10.237,
198.401

■ 51, 27.484,
196.703

■ 54, 5.414, 198.923

■ 50, 29.171,
196.544

■ 55, 0.308, 200.700

■ 57, 5.012, 19.842

■ 50, 30.251,
196.443

■ 58, 10.482, 20.460

■ 50, 30.914,
196.381

■ 59, 16.049, 21.064

■ 61, 21.670, 21.671

■ 62, 27.311, 22.280

Harmonies

Complementary

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



52, 18.723, 197.548



40, 24.689, 23.172

Rectangle

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



52, 18.723, 197.548



52, 18.723, 247.548



52, 18.723, 17.548



52, 18.723, 67.548

Sweetspot

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



52, 18.723, 197.545



69, 7.585, 198.829



51, 37.744, 141.125



36, 4.996, 198.771



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, 18.723, 197.545



66, 26.805, 197.218



44, 17.919, 260.225



28, 2.886, 199.010



49, 30.410, 196.381



1, 0.707, 199.419

Inverse Universe

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



40, 24.689, 23.172



48, 38.094, 24.796



47, 20.276, 68.824



26, 3.050, 19.877



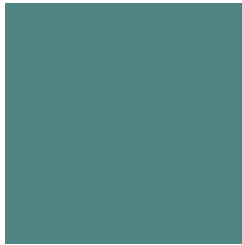
26, 62.118, 38.507



0, 0.707, 19.402

Previews

White Background



This preview shows how the CIELCh color 52, 18.723, 197.548 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, 18.723, 197.548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

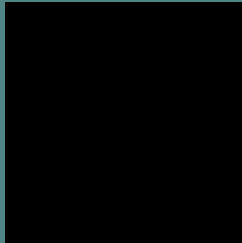
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

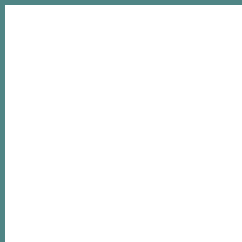
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 18.723, 197.548

Background



This preview shows how black text looks on a background with the CIELCh color 52, 18.723, 197.548.



This preview shows how white text looks on a background with the CIELCh color 52, 18.723, 197.548.

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, 18.723, 197.548

Protanopia

52, 2.470, 309.165

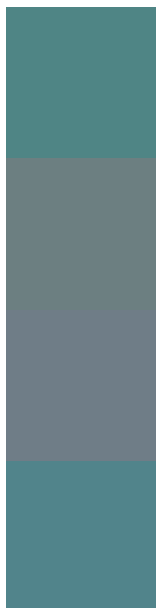
Deuteranopia

52, 10.134, 313.776



Tritanopia
52, 17.647, 217.229

Trichromacy



Original Color
52, 18.723, 197.548

Protanomaly
52, 7.294, 207.922

Deuteranomaly
52, 7.726, 248.080

Tritanomaly
52, 17.700, 211.158

Monochromacy



Original Color
52, 18.723, 197.548

Achromatopsia
49, 0.007, 296.813

Achromatomaly
50, 7.681, 198.626

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 18.723, 197.548 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(79, 133, 133)` looks like.

```
.text, #text, p{  
    color:rgb(79, 133, 133)  
}
```

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(79, 133, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 133, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 18.723, 197.548 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(79, 133, 133) }
```

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

```
.border{ border-color:rgb(79, 133, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 133, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 133, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 133, 133);  
box-shadow:4px 4px 4px 4px rgb(79, 133,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 18.723, 197.548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 133, 133) }
```

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

```
.background{ background-color: rgb(79, 133,  
133) }
```

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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