

Converting Colors

CIELCh(52, 19.574, 160.396)

Have a look what the booklet for
CIELCh(52, 19.574, 160.396)
contains.

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Color

CIELCh(52, 19.882, 159.695)

Conversions

Conversions Part 1

Format	Color
Hex	5D8570
RGB	93, 133, 112
RGB Percent	36%, 52%, 44%
CMY	0.6367, 0.4799, 0.5622
CMYK	0.30, 0.00, 0.16, 0.48
HSL	149°, 18%, 44%
HSV	149°, 30%, 52%
XYZ	15.7199, 20.1443, 18.2849
YIQ	118.6460, -17.0990, -15.0110

Conversions

Conversions Part 2

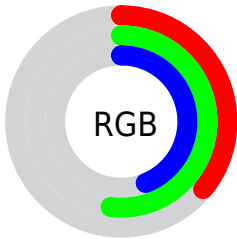
Format	Color
R_{YB}	93, 120, 133
Decimal	6129008
CIE _{Lab}	52.00, -18.65, 6.90
CIE _{LCh}	52, 19.882, 159.695
Y _{xy}	20.1443, 0.2903, 0.3720
Android (android.graphics.Color)	4284319088 (0xFF5D8570)
YUV	118.6460, -3.2765, -22.4915
Hunter-Lab	44.8824, -16.0251, 7.2632

Details

The CIELCh color $52, 19.882, 159.695$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $44, 20.520, 344.945$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 19.682, 160.442$, and $32, 19.843, 159.477$ is the 20% darker color. If you saturate the color by 10%, you get $51, 26.237, 158.592$, and if you desaturate by 10%, it is $53, 13.348, 160.679$.

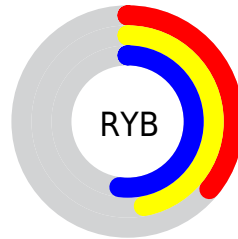
Distribution



Red (36%)

Green (52%)

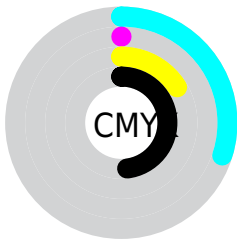
Blue (44%)



Red (36%)

Yellow (47%)

Blue (52%)

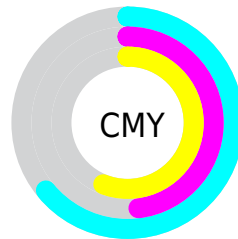


Cyan (30%)

Magenta (0%)

Yellow (16%)

Black (48%)



Cyan (64%)


Magenta (48%)


Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 19.882, 159.695 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, 19.882, 159.695 by changing the saturation by 10% instead.

 52, 19.882,
159.695


 52, 19.882,
159.695


 100, 19.882,
159.695


 42, 19.882,
159.695


 72, 19.882,
159.695

 32, 19.882,
159.695

 82, 19.882,
159.695

 22, 19.882,
159.695

 92, 19.882,
159.695

 12, 19.882,
159.695

 2, 19.882, 159.695

 0, 19.882, 159.695

■ 52, 19.882,
159.695

■ 52, 19.882,
159.695

■ 51, 26.237,
158.592

■ 53, 13.348,
160.679

■ 50, 32.307,
157.350

■ 54, 6.726, 161.576

■ 55, 0.093, 165.466

■ 50, 37.987,
155.945

■ 57, 6.486, 342.996

■ 49, 43.181,
154.357

■ 58, 12.965,
343.677

■ 49, 47.814,
152.573

■ 60, 19.310,
344.291

■ 49, 51.853,
150.594

■ 61, 25.498,
344.858

■ 48, 55.411,
148.612

■ 63, 31.516,
345.386

■ 65, 37.357,
345.880

Harmonies

Complementary

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



52, 19.882, 159.695



44, 20.520, 344.945

Rectangle

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



52, 19.882, 159.695



52, 19.882, 209.695



52, 19.882, 339.695



52, 19.882, 29.695

Sweetspot

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



52, 19.883, 159.694



69, 7.423, 161.658



53, 24.136, 126.516



36, 5.137, 161.548



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, 19.883, 159.694



66, 29.390, 158.972



53, 14.590, 194.889



27, 3.736, 161.665



47, 54.576, 148.660



1, 0.895, 162.341

Inverse Universe

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



44, 20.520, 344.945



54, 30.513, 345.655



44, 17.563, 19.249



26, 3.776, 343.003



27, 51.860, 358.384



0, 0.895, 342.331

Previews

White Background



This preview shows how the CIELCh color 52, 19.882, 159.695 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, 19.882, 159.695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

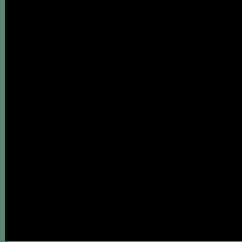
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 19.882, 159.695

Background



This preview shows how black text looks on a background with the CIELCh color 52, 19.882, 159.695.



This preview shows how white text looks on a background with the CIELCh color 52, 19.882, 159.695.

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, 19.882, 159.695

Protanopia
52, 9.711, 91.251

Deuteranopia
52, 8.878, 39.169



Tritanopia
52, 12.353, 226.647

Trichromacy



Original Color
52, 19.882, 159.695

Protanomaly
52, 11.373, 132.278

Deuteranomaly
52, 6.426, 116.701

Tritanomaly
52, 12.608, 195.473

Monochromacy



Original Color
52, 19.882, 159.695

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 6.964, 162.775

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 19.882, 159.695 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(93, 133, 112)` looks like.

```
.text, #text, p{  
    color:rgb(93, 133, 112)  
}
```

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(93, 133, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 133, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 19.882, 159.695 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(93, 133, 112) }
```

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

```
.border{ border-color:rgb(93, 133, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 133, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 133, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 133, 112);  
box-shadow:4px 4px 4px 4px rgb(93, 133,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 19.882, 159.695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 133, 112) }
```

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

```
.background{ background-color: rgb(93, 133,  
112) }
```

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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