

Converting Colors

CIELCh(52, 17.278, 6.001)

Have a look what the booklet for
CIELCh(52, 17.278, 6.001) contains.

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Color

CIELCh(52, 17.550, 6.401)

Conversions

Conversions Part 1

Format	Color
Hex	9A7179
RGB	154, 113, 121
RGB Percent	60%, 44%, 47%
CMY	0.3951, 0.5559, 0.5246
CMYK	0.00, 0.27, 0.21, 0.40
HSL	348°, 17%, 52%
HSV	348°, 27%, 60%
XYZ	22.7718, 20.1443, 20.8538
YIQ	126.1710, 21.8680, 11.1800

Conversions

Conversions Part 2

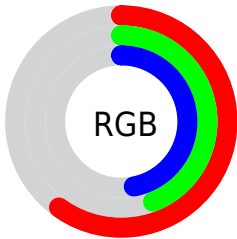
Format	Color
R_{YB}	154, 113, 121
Decimal	10121593
CIE _{Lab}	52.00, 17.44, 1.96
CIE _{LCh}	52, 17.550, 6.401
Yxy	20.1443, 0.3571, 0.3159
Android (android.graphics.Color)	4288311673 (0xFF9A7179)
YUV	126.1710, -2.5493, 24.4060
Hunter-Lab	44.8824, 12.0206, 3.8696

Details

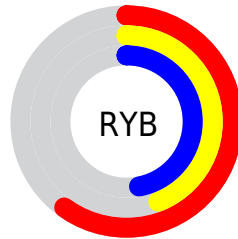
The CIELCh color **52, 17.550, 6.401** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **61, 15.744, 181.265**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 17.529, 6.766**, and **32, 17.415, 5.982** is the 20% darker color. If you saturate the color by 10%, you get **48, 24.644, 7.858**, and if you desaturate by 10%, it is **56, 10.690, 5.191**.

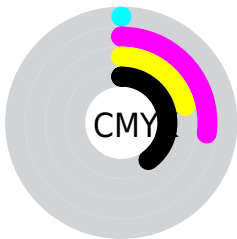
Distribution



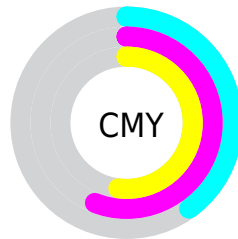
- Red (60%)
- Green (44%)
- Blue (47%)



- Red (60%)
- Yellow (44%)
- Blue (47%)



- Cyan (0%)
- Magenta (27%)
- Yellow (21%)
- Black (40%)



- Cyan (40%)
- Magenta (56%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 17.550, 6.401 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, 17.550, 6.401 by changing the saturation by 10% instead.

 52, 17.550, 6.401  52, 17.550, 6.401

 100, 17.550, 6.401  42, 17.550, 6.401

 72, 17.550, 6.401  32, 17.550, 6.401

 82, 17.550, 6.401  22, 17.550, 6.401


 92, 17.550, 6.401  12, 17.550, 6.401

 2, 17.550, 6.401

 0, 17.550, 6.401

 52, 17.550, 6.401  52, 17.550, 6.401

 48, 24.644, 7.858  56, 10.690, 5.191

 44, 31.849, 9.637  61, 4.137, 4.118

40, 38.967, 11.855

65, 2.081, 183.555

37, 45.743, 14.647

70, 7.965, 182.651

35, 51.917, 18.156

74, 13.529,
181.964

33, 57.311, 22.465

79, 18.797,
181.363

32, 61.977, 27.408

32, 63.595, 28.991

84, 23.794,
180.826

88, 28.548,
180.341

93, 33.083,
179.901

Harmonies

Complementary

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



52, 17.550, 6.401



61, 15.744, 181.265

Rectangle

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



52, 17.550, 6.401



52, 17.550, 56.401



52, 17.550, 186.401



52, 17.550, 236.401

Sweetspot

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



52, 17.548, 6.405



77, 6.271, 4.286



52, 26.804, 319.961



40, 4.509, 4.437



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



52, 17.548, 6.405



64, 26.592, 7.250



55, 14.195, 49.966



30, 3.550, 4.398



29, 59.075, 28.488



1, 3.746, 3.878

Inverse Universe

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



52, 17.548, 6.405



64, 26.592, 7.250



57, 12.171, 234.011



30, 3.550, 4.398



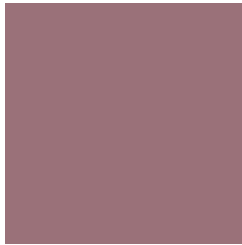
29, 59.075, 28.488



1, 3.746, 3.878

Previews

White Background



This preview shows how the CIELCh color 52, 17.550, 6.401 looks on a white background.

Color Contrast Check

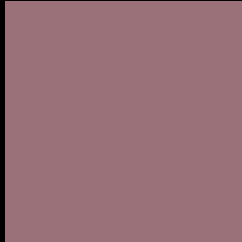
Large Text (above 18pt) WCAG AA ✓ Pass

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, 17.550, 6.401 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, 17.550, 6.401

Background



This preview shows how black text looks on a background with the CIELCh color 52, 17.550, 6.401.



This preview shows how white text looks on a background with the CIELCh color 52, 17.550, 6.401.

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, 17.550, 6.401

Protanopia

52, 1.927, 314.699

Deuteranopia

52, 7.399, 20.185



Tritanopia
52, 17.658, 4.573

Trichromacy



Original Color
52, 17.550, 6.401

Protanomaly
52, 7.097, 356.142

Deuteranomaly
52, 10.805, 14.518

Tritanomaly
52, 17.658, 4.573

Monochromacy



Original Color
52, 17.550, 6.401

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 6.331, 4.198

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 17.550, 6.401 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(154, 113, 121)` looks like.

```
.text, #text, p{  
    color:rgb(154, 113, 121)  
}
```

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(154, 113, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 113, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 17.550, 6.401 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(154, 113, 121) }
```

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

```
.border{ border-color:rgb(154, 113, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 113, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 113, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 113, 121);  
box-shadow:4px 4px 4px 4px rgb(154, 113,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 17.550, 6.401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 113, 121) }
```

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

```
.background{ background-color: rgb(154,  
113, 121) }
```

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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