

Converting Colors

CIELCh(52, 7.497, 19.885)

Have a look what the booklet for
CIELCh(52, 7.497, 19.885) contains.

CIELCh(52, 7.399, 20.185)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(52, 7.399, 20.185)

Conversions

Conversions Part 1

Format	Color
Hex	8A7878
RGB	138, 120, 120
RGB Percent	54%, 47%, 47%
CMY	0.4594, 0.5299, 0.5299
CMYK	0.00, 0.13, 0.13, 0.46
HSL	0°, 7%, 51%
HSV	0°, 13%, 54%
XYZ	20.5400, 20.1443, 20.5318
YIQ	125.3820, 10.7280, 3.8160

Conversions

Conversions Part 2

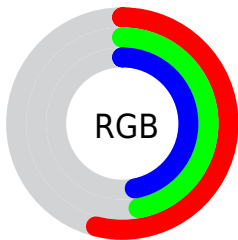
Format	Color
R_{YB}	138, 120, 120
Decimal	9074808
CIE Lab	52.00, 6.94, 2.55
CIE LCh	52, 7.399, 20.185
Yxy	20.1443, 0.3355, 0.3291
Android (android.graphics.Color)	4287264888 (0xFF8A7878)
YUV	125.3820, -2.6533, 11.0660
Hunter-Lab	44.8824, 3.1446, 4.2950

Details

The CIELCh color $52, 7.399, 20.185$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $56, 6.826, 198.798$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 7.668, 20.002$, and $32, 7.239, 20.532$ is the 20% darker color. If you saturate the color by 10%, you get $48, 13.570, 21.067$, and if you desaturate by 10%, it is $56, 1.666, 19.342$.

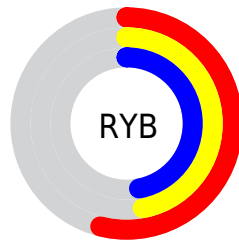
Distribution



Red (54%)

Green (47%)

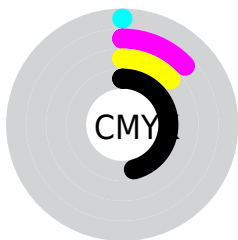
Blue (47%)



Red (54%)

Yellow (47%)

Blue (47%)

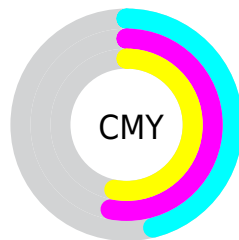


Cyan (0%)

Magenta (13%)

Yellow (13%)

Black (46%)



Cyan (46%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 7.399, 20.185 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, 7.399, 20.185 by changing the saturation by 10% instead.

 52, 7.399, 20.185  52, 7.399, 20.185

 100, 7.399, 20.185  42, 7.399, 20.185

 72, 7.399, 20.185  32, 7.399, 20.185

 82, 7.399, 20.185  22, 7.399, 20.185

 92, 7.399, 20.185  12, 7.399, 20.185

 2, 7.399, 20.185

 0, 7.399, 20.185

 52, 7.399, 20.185  52, 7.399, 20.185

 48, 13.570, 21.067  56, 1.666, 19.342

 44, 20.180, 22.168  60, 3.647, 199.190

40, 27.184, 23.589

65, 8.574, 198.710

37, 34.485, 25.429

69, 13.155,
198.361

34, 41.919, 27.786

73, 17.429,
198.083

31, 49.256, 30.714

30, 56.168, 34.102

77, 21.431,
197.858

28, 61.952, 37.339

82, 25.197,
197.672

28, 65.186, 38.939

86, 28.755,
197.518

90, 32.130,
197.388

Harmonies

Complementary

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



52, 7.399, 20.185



56, 6.826, 198.798

Rectangle

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



52, 7.399, 20.185



52, 7.399, 70.185



52, 7.399, 200.185



52, 7.399, 250.185

Sweetspot

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



52, 7.398, 20.196



71, 2.706, 19.467



53, 12.622, 325.118



36, 1.920, 19.535



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



52, 7.398, 20.196



65, 11.339, 20.463



54, 6.342, 73.836



27, 3.148, 19.895



27, 63.127, 38.661



0, 1.414, 19.416

Inverse Universe

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



56, 6.826, 198.798



71, 10.239, 198.624



53, 6.147, 257.151



29, 2.977, 199.020



50, 30.833, 196.406



1, 1.414, 199.433

Previews

White Background



This preview shows how the CIELCh color 52, 7.399, 20.185 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, 7.399, 20.185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

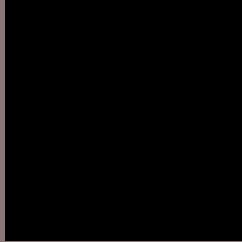
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 7.399, 20.185

Background



This preview shows how black text looks on a background with the CIELCh color 52, 7.399, 20.185.



This preview shows how white text looks on a background with the CIELCh color 52, 7.399, 20.185.

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, 7.399, 20.185

Protanopia

52, 1.662, 63.322

Deuteranopia

52, 7.399, 20.185



Tritanopia
52, 9.594, 347.651

Trichromacy



Original Color
52, 7.399, 20.185

Protanomaly
52, 3.700, 28.681

Deuteranomaly
52, 7.399, 20.185

Tritanomaly
52, 8.826, 357.286

Monochromacy



Original Color
52, 7.399, 20.185

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 2.825, 19.579

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 7.399, 20.185 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(138, 120, 120)` looks like.

```
.text, #text, p{  
    color:rgb(138, 120, 120)  
}
```

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(138, 120, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 120, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 7.399, 20.185 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(138, 120, 120) }
```

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

```
.border{ border-color:rgb(138, 120, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 120, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 120, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 120, 120);  
box-shadow:4px 4px 4px 4px rgb(138, 120,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 7.399, 20.185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 120, 120) }
```

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

```
.background{ background-color: rgb(138,  
120, 120) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor