

Converting Colors

CIELCh(52, 20.474, 21.838)

Have a look what the booklet for
CIELCh(52, 20.474, 21.838) contains.

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Color

CIELCh(52, 20.494, 21.837)

Conversions

Conversions Part 1

Format	Color
Hex	A07070
RGB	160, 112, 112
RGB Percent	63%, 44%, 44%
CMY	0.3736, 0.5617, 0.5617
CMYK	0.00, 0.30, 0.30, 0.37
HSL	0°, 20%, 53%
HSV	0°, 30%, 63%
XYZ	23.1218, 20.1443, 17.9275
YIQ	126.3520, 28.6080, 10.1760

Conversions

Conversions Part 2

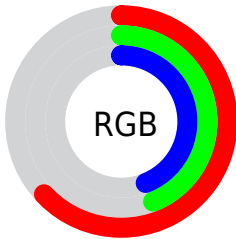
Format	Color
R_{YB}	160, 112, 112
Decimal	10514544
CIE _{Lab}	52.00, 19.02, 7.62
CIE _{LCh}	52, 20.494, 21.837
Yxy	20.1443, 0.3778, 0.3292
Android (android.graphics.Color)	4288704624 (0xFFA07070)
YUV	126.3520, -7.0755, 29.5093
Hunter-Lab	44.8824, 13.4126, 7.7354

Details

The CIELCh color **52, 20.494, 21.837** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **63, 16.765, 197.952**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 20.579, 21.241**, and **32, 20.352, 22.980** is the 20% darker color. If you saturate the color by 10%, you get **48, 28.286, 23.190**, and if you desaturate by 10%, it is **56, 13.167, 20.798**.

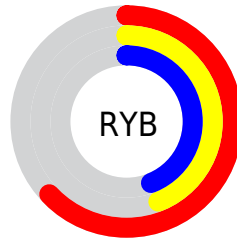
Distribution



Red (63%)

Green (44%)

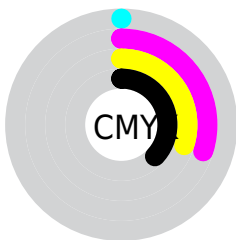
Blue (44%)



Red (63%)

Yellow (44%)

Blue (44%)

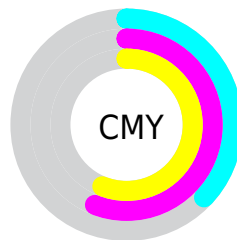


Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (37%)



Cyan (37%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 20.494, 21.837 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, 20.494, 21.837 by changing the saturation by 10% instead.

■ 52, 20.494, 21.837

■ 52, 20.494, 21.837

■ 100, 20.494,
21.837

■ 42, 20.494, 21.837

■ 72, 20.494, 21.837

■ 32, 20.494, 21.837

■ 82, 20.494, 21.837

■ 22, 20.494, 21.837

■ 92, 20.494, 21.837

■ 12, 20.494, 21.837

■ 2, 20.494, 21.837

■ 0, 20.494, 21.837

■ 52, 20.494, 21.837

■ 52, 20.494, 21.837

■ 48, 28.286, 23.190

■ 56, 13.167, 20.798

■ 44, 36.454, 24.941

■ 61, 6.346, 19.963

40, 44.824, 27.201

66, 0.024, 359.764

37, 53.150, 30.042

71, 5.832, 199.005

35, 61.083, 33.403

75, 11.260,
198.576

34, 68.015, 36.868

80, 16.307,
198.249

33, 73.396, 39.703

85, 21.017,
197.988

90, 25.432,
197.775

94, 29.459,
197.603

Harmonies

Complementary

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



52, 20.494, 21.837



63, 16.765, 197.952

Rectangle

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



52, 20.494, 21.837



52, 20.494, 71.837



52, 20.494, 201.837



52, 20.494, 251.837

Sweetspot

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



52, 20.492, 21.842



78, 6.992, 19.895



54, 32.794, 326.034



41, 4.924, 20.003



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



52, 20.492, 21.842



63, 31.003, 22.697



58, 17.130, 71.761



31, 3.534, 19.901



29, 67.092, 39.161



1, 4.473, 19.406

Inverse Universe

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



63, 16.765, 197.952



78, 24.118, 197.677



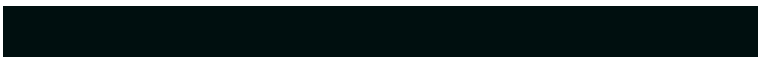
56, 15.794, 260.019



33, 3.339, 198.998



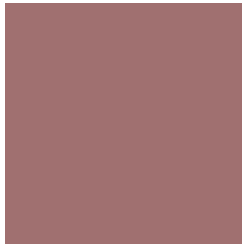
54, 32.543, 196.388



3, 4.472, 199.423

Previews

White Background



This preview shows how the CIELCh color 52, 20.494, 21.837 looks on a white background.

Color Contrast Check

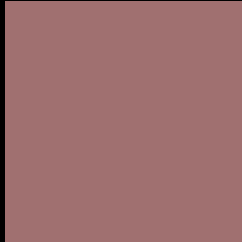
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.494, 21.837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

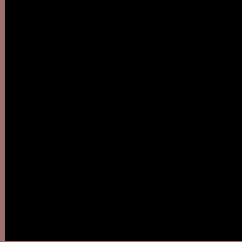
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 20.494, 21.837

Background



This preview shows how black text looks on a background with the CIELCh color 52, 20.494, 21.837.



This preview shows how white text looks on a background with the CIELCh color 52, 20.494, 21.837.

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, 20.494, 21.837

Protanopia

52, 3.822, 84.420

Deuteranopia

52, 10.670, 52.797



Tritanopia
52, 20.901, 9.381

Trichromacy



Original Color
52, 20.494, 21.837

Protanomaly
52, 8.663, 35.648

Deuteranomaly
52, 13.698, 35.340

Tritanomaly
52, 20.799, 14.082

Monochromacy



Original Color
52, 20.494, 21.837

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 6.969, 20.128

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 20.494, 21.837 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(160, 112, 112)` looks like.

```
.text, #text, p{  
    color:rgb(160, 112, 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(160, 112, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 112, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 20.494, 21.837 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(160, 112, 112) }
```

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

```
.border{ border-color:rgb(160, 112, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 112, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 112, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 112, 112);  
box-shadow:4px 4px 4px 4px rgb(160, 112,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 20.494, 21.837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 112, 112) }
```

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

```
.background{ background-color: rgb(160,  
112, 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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