

Converting Colors

CIELCh(52, 23.995, 13.876)

Have a look what the booklet for
CIELCh(52, 23.995, 13.876) contains.

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Color

CIELCh(52, 23.858, 14.177)

Conversions

Conversions Part 1

Format	Color
Hex	A56D73
RGB	165, 109, 115
RGB Percent	65%, 43%, 45%
CMY	0.3533, 0.5729, 0.5493
CMYK	0.00, 0.34, 0.30, 0.35
HSL	354°, 24%, 54%
HSV	354°, 34%, 65%
XYZ	24.0468, 20.1443, 18.8150
YIQ	126.4280, 31.4500, 13.7380

Conversions

Conversions Part 2

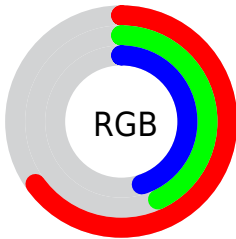
Format	Color
RYB	165, 109, 115
Decimal	10841459
CIELab	52.00, 23.13, 5.84
CIElCh	52, 23.858, 14.177
Yxy	20.1443, 0.3817, 0.3197
Android (android.graphics.Color)	4289031539 (0xFFA56D73)
YUV	126.4280, -5.6340, 33.8276
Hunter-Lab	44.8824, 17.0913, 6.5630

Details

The CIELCh color **52, 23.858, 14.177** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **64, 19.876, 187.936**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 23.785, 13.858**, and **32, 23.890, 13.625** is the 20% darker color. If you saturate the color by 10%, you get **48, 31.639, 15.857**, and if you desaturate by 10%, it is **56, 16.359, 12.836**.

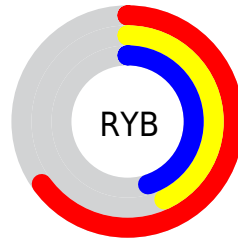
Distribution



Red (65%)

Green (43%)

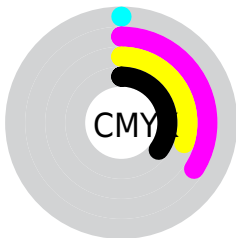
Blue (45%)



Red (65%)

Yellow (43%)

Blue (45%)

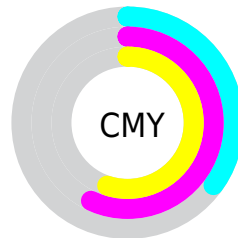


Cyan (0%)

Magenta (34%)

Yellow (30%)

Black (35%)



Cyan (35%)

Magenta (57%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 23.858, 14.177 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, 23.858, 14.177 by changing the saturation by 10% instead.

■ 52, 23.858, 14.177

■ 52, 23.858, 14.177

■ 100, 23.858,
14.177

■ 42, 23.858, 14.177

■ 72, 23.858, 14.177

■ 32, 23.858, 14.177

■ 82, 23.858, 14.177

■ 22, 23.858, 14.177

■ 92, 23.858, 14.177

■ 12, 23.858, 14.177

■ 2, 23.858, 14.177

■ 0, 23.858, 14.177

■ 52, 23.858, 14.177

■ 52, 23.858, 14.177

■ 48, 31.639, 15.857

■ 56, 16.359, 12.836

■ 44, 39.548, 17.974

■ 61, 9.239, 11.731

41, 47.353, 20.658

66, 2.535, 10.704

38, 54.792, 24.024

71, 3.752, 190.261

36, 61.623, 28.089

75, 9.641, 189.549

35, 67.624, 32.616

80, 15.164,
188.982

34, 70.925, 35.066

85, 20.356,
188.495

90, 25.251,
188.068

94, 28.932,
189.820

Harmonies

Complementary

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



52, 23.858, 14.177



64, 19.876, 187.936

Rectangle

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



52, 23.858, 14.177



52, 23.858, 64.177



52, 23.858, 194.177



52, 23.858, 244.177

Sweetspot

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



52, 23.856, 14.181



80, 8.097, 11.355



53, 36.888, 322.815



41, 5.537, 11.486



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



52, 23.856, 14.181



63, 36.339, 15.455



57, 19.496, 58.728



32, 3.660, 11.264



30, 64.276, 34.544



1, 5.528, 11.388

Inverse Universe

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



52, 23.856, 14.181



63, 36.339, 15.455



58, 16.568, 246.481



32, 3.660, 11.264



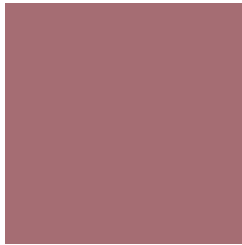
30, 64.276, 34.544



1, 5.528, 11.388

Previews

White Background



This preview shows how the CIELCh color 52, 23.858, 14.177 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, 23.858, 14.177 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, 23.858, 14.177

Background



This preview shows how black text looks on a background with the CIELCh color 52, 23.858, 14.177.



This preview shows how white text looks on a background with the CIELCh color 52, 23.858, 14.177.

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, 23.858, 14.177

Protanopia

52, 1.329, 45.001

Deuteranopia

52, 9.749, 44.630



Tritanopia
52, 23.890, 11.439

Trichromacy



Original Color
52, 23.858, 14.177

Protanomaly
52, 9.088, 16.774

Deuteranomaly
52, 14.434, 25.567

Tritanomaly
52, 23.867, 12.807

Monochromacy



Original Color
52, 23.858, 14.177

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 8.272, 12.307

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 23.858, 14.177 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(165, 109, 115)` looks like.

```
.text, #text, p{  
    color:rgb(165, 109, 115)  
}
```

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(165, 109, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 109, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 23.858, 14.177 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(165, 109, 115) }
```

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

```
.border{ border-color:rgb(165, 109, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 109, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 109, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 109, 115);  
box-shadow:4px 4px 4px 4px rgb(165, 109,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 23.858, 14.177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 109, 115) }
```

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

```
.background{ background-color: rgb(165,  
109, 115) }
```

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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