Converting Colors

CIELCh(52, 17.898, 344.793)

Have a look what the booklet for CIELCh(52, 17.898, 344.793) contains.

Color

CIELCh(52, 17.738, 345.737)

Conversions

Conversions Part 1

Format	Color
Hex	967284
RGB	150, 114, 132
RGB Percent	59%, 45%, 52%
CMY	0.4122, 0.5534, 0.4828
CMYK	0.00, 0.24, 0.12, 0.41
HSL	330°, 15%, 52%
HSV	330°, 24%, 59%
XYZ	22.7170, 20.1443, 24.4790
YIQ	126.8160, 15.6780, 13.2300

Conversions

Conversions Part 2

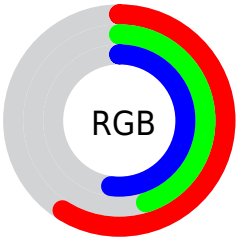
Format	Color
RYB	150, 114, 132
Decimal	9859716
CIELab	52.00, 17.19, -4.37
CIELCh	52, 17.738, 345.737
Yxy	20.1443, 0.3373, 0.2991
Android (android.graphics.Color)	4288049796 (0xFF967284)
YUV	126.8160, 2.5557, 20.3324
Hunter-Lab	44.8824, 11.8026, -0.9193

Details

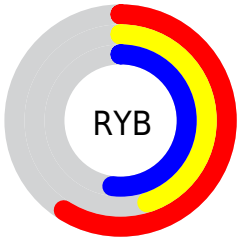
The CIELCh color 52, 17.738, 345.737 is a dark color, and the websafe version is hex 996666. A complement of this color would be 59, 17.226, 161.566, and the grayscale version is 53, 0.007, 296.813.

A 20% lighter version of the original color is 72, 17.925, 346.012, and 32, 17.743, 345.709 is the 20% darker color. If you saturate the color by 10%, you get 48, 25.224, 346.802, and if you desaturate by 10%, it is 56, 10.258, 344.786.

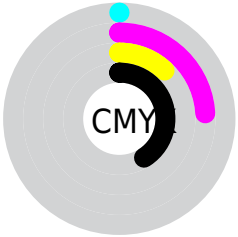
Distribution



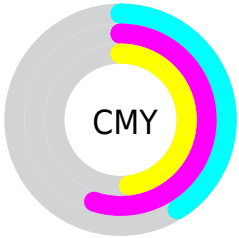
- Red (59%)
- Green (45%)
- Blue (52%)



- Red (59%)
- Yellow (45%)
- Blue (52%)



- Cyan (0%)
- Magenta (24%)
- Yellow (12%)
- Black (41%)



- Cyan (41%)
- Magenta (55%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 17.738, 345.737 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, 17.738, 345.737 by changing the saturation by 10% instead.

52, 17.738, 345.737

100, 17.738, 345.737

72, 17.738, 345.737

82, 17.738, 345.737

92, 17.738, 345.737

52, 17.738, 345.737

42, 17.738, 345.737

32, 17.738, 345.737

22, 17.738, 345.737

12, 17.738, 345.737

2, 17.738, 345.737

0, 17.738, 345.737

52, 17.738, 345.737

48, 25.224, 346.802

44, 32.544, 348.016

41, 39.438, 349.434

38, 45.578, 351.133

35, 50.597, 353.217

34, 54.178, 355.824

32, 56.191, 359.103

32, 57.091, 1.236

52, 17.738, 345.737

56, 10.258, 344.786

60, 2.905, 343.858

65, 4.256, 163.278

69, 11.190, 162.524

73, 17.886, 161.863

78, 24.346, 161.255

82, 30.577, 160.693

87, 36.594, 160.170

91, 42.411, 159.683

Harmonies

Complementary

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

52, 17.738, 345.737

59, 17.226, 161.566

Rectangle

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

52, 17.738, 345.737

52, 17.738, 35.737

52, 17.738, 165.737

52, 17.738, 215.737

Sweetspot

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

52, 17.736, 345.739

75, 6.269, 344.164

51, 22.154, 310.178

39, 4.064, 344.210

89, 0.011, 296.813

41, 0.006, 296.813

Same Dimension

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

52, 17.736, 345.739

64, 26.490, 346.314

51, 15.203, 21.169

29, 4.068, 344.350

29, 53.709, 0.887

1, 3.519, 343.648

Inverse Universe

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

52, 17.736, 345.739

64, 26.490, 346.314

59, 13.008, 198.229

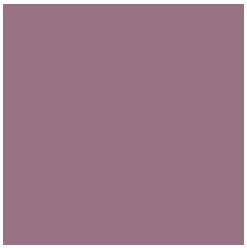
29, 4.068, 344.350

29, 53.709, 0.887

1, 3.519, 343.648

Previews

White Background

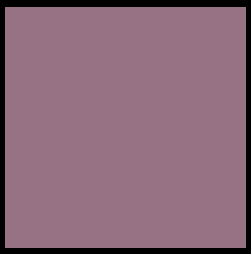


This preview shows how the CIELCh color 52, 17.738, 345.737 looks on a white background.

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



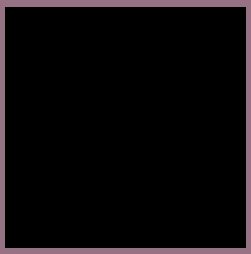
This preview shows how the CIELCh color 52, 17.738, 345.737 looks on a black background.

Color Contrast Check

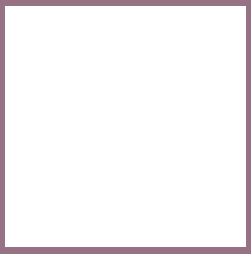
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

CIELCh 52, 17.738, 345.737 Background



This preview shows how black text looks on a background with the CIELCh color 52, 17.738, 345.737.

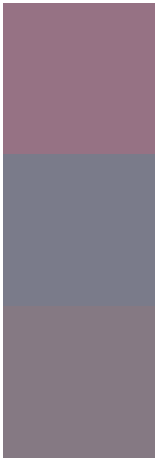


This preview shows how white text looks on a background with the CIELCh color 52, 17.738, 345.737.

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, 17.738, 345.737

Protanopia
52, 8.720, 288.784

Deuteranopia
52, 7.534, 329.887

Tritanopia
52, 14.835, 0.764

Trichromacy

Original Color
52, 17.738, 345.737

Protanomaly
52, 10.458, 317.766

Deuteranomaly
52, 11.284, 338.836

Tritanomaly
52, 15.417, 354.636

Monochromacy

Original Color
52, 17.738, 345.737

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 6.609, 342.339

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 17.738, 345.737 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(150, 114, 132) looks like.

```
.text, #text, p{
    color:rgb(150, 114, 132)
}
```

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(150, 114, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 114, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 17.738, 345.737 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(150, 114, 132) }
```

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

```
.border{ border-color:rgb(150, 114, 132) }
```

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

Here you see how a box with a 4 pixel rgb(150, 114, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 114, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 114, 132); box-shadow:4px 4px 4px 4px rgb(150, 114, 132) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 17.738, 345.737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(150, 114, 132) }
```

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

```
.background{ background-color:rgb(150,
114, 132) }
```

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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