

Converting Colors

CIELCh(58, 9.958, 72.932)

Have a look what the booklet for
CIELCh(58, 9.958, 72.932) contains.

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Color

CIELCh(58, 9.832, 73.172)

Conversions

Conversions Part 1

Format	Color
Hex	97897B
RGB	151, 137, 123
RGB Percent	59%, 54%, 48%
CMY	0.4072, 0.4621, 0.5171
CMYK	0.00, 0.09, 0.19, 0.41
HSL	30°, 12%, 54%
HSV	30°, 19%, 59%
XYZ	25.3416, 25.9610, 22.4621
YIQ	139.5900, 12.8380, -1.3860

Conversions

Conversions Part 2

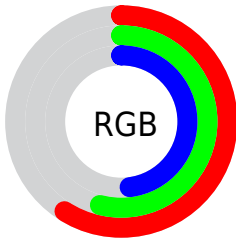
Format	Color
R_{YB}	151, 151, 123
Decimal	9931131
CIE _{Lab}	58.00, 2.85, 9.41
CIE _{LCh}	58, 9.832, 73.172
Yxy	25.9610, 0.3435, 0.3519
Android (android.graphics.Color)	4288121211 (0xFF97897B)
YUV	139.5900, -8.1789, 10.0066
Hunter-Lab	50.9519, -0.3865, 9.5285

Details

The CIELCh color $58, 9.832, 73.172$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $56, 9.381, 257.995$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 9.873, 73.598$, and $38, 9.976, 72.402$ is the 20% darker color. If you saturate the color by 10%, you get $56, 15.494, 71.972$, and if you desaturate by 10%, it is $60, 4.422, 74.353$.

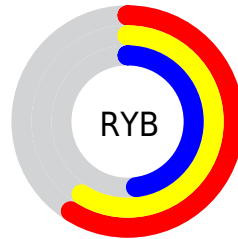
Distribution



Red (59%)

Green (54%)

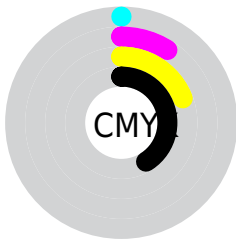
Blue (48%)



Red (59%)

Yellow (59%)

Blue (48%)

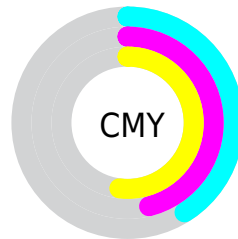


Cyan (0%)

Magenta (9%)

Yellow (19%)

Black (41%)



Cyan (41%)

Magenta (46%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 9.832, 73.172 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 58, 9.832, 73.172 by changing the saturation by 10% instead.

 58, 9.832, 73.172  58, 9.832, 73.172

 100, 9.832, 73.172  48, 9.832, 73.172


 78, 9.832, 73.172  38, 9.832, 73.172

 88, 9.832, 73.172  28, 9.832, 73.172

 98, 9.832, 73.172  18, 9.832, 73.172

 8, 9.832, 73.172

 0, 9.832, 73.172

 58, 9.832, 73.172  58, 9.832, 73.172

 56, 15.494, 71.972  60, 4.422, 74.353

 53, 21.415, 70.744  63, 0.754, 256.000

51, 27.586, 69.504

65, 5.718, 256.809

49, 33.957, 68.241

68, 10.492,
257.904

47, 40.403, 66.922

70, 15.096,
258.975

45, 46.661, 65.458

43, 52.231, 63.666

73, 19.551,
260.008

41, 56.789, 61.495

76, 23.872,
260.999

41, 57.520, 61.240

78, 28.075,
261.947

80, 30.365,
260.312

Harmonies

Complementary

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



58, 9.832, 73.172



56, 9.381, 257.995

Rectangle

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



58, 9.832, 73.172



58, 9.832, 123.172



58, 9.832, 253.172



58, 9.832, 303.172

Sweetspot

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



58, 9.832, 73.184



77, 3.829, 74.613



55, 13.719, 345.205



41, 2.563, 74.552



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



58, 9.832, 73.184



73, 14.581, 72.713



62, 15.593, 108.432



31, 2.965, 74.273



38, 54.393, 61.509



2, 3.134, 74.511

Inverse Universe

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



56, 9.381, 257.995



70, 13.756, 258.632



53, 16.253, 292.184



31, 2.904, 256.659



30, 45.288, 282.982



2, 3.173, 256.339

Previews

White Background



This preview shows how the CIELCh color 58, 9.832, 73.172 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 58, 9.832, 73.172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

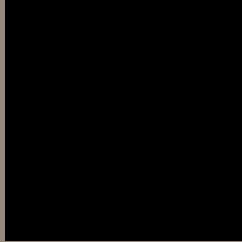
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 9.832, 73.172

Background



This preview shows how black text looks on a background with the CIELCh color 58, 9.832, 73.172.



This preview shows how white text looks on a background with the CIELCh color 58, 9.832, 73.172.

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


58, 9.832, 73.172

Protanopia

58, 8.831, 93.016

Deuteranopia

58, 11.885, 48.569



Tritanopia
58, 10.040, 342.045

Trichromacy



Original Color
58, 9.832, 73.172

Protanomaly
58, 8.745, 84.241

Deuteranomaly
58, 10.744, 55.332

Tritanomaly
58, 7.282, 11.187

Monochromacy



Original Color
58, 9.832, 73.172

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 3.448, 74.519

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 9.832, 73.172 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(151, 137, 123)` looks like.

```
.text, #text, p{  
    color:rgb(151, 137, 123)  
}
```

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(151, 137, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 137, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 9.832, 73.172 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(151, 137, 123) }
```

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

```
.border{ border-color:rgb(151, 137, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 137, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 137, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 137, 123);  
box-shadow:4px 4px 4px 4px rgb(151, 137,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 9.832, 73.172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 137, 123) }
```

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

```
.background{ background-color: rgb(151,  
137, 123) }
```

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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