

Converting Colors

CIELCh(58, 8.898, 74.992)

Have a look what the booklet for
CIELCh(58, 8.898, 74.992) contains.

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Color

CIELCh(58, 8.862, 75.499)

Conversions

Conversions Part 1

Format	Color
Hex	968A7D
RGB	150, 138, 125
RGB Percent	59%, 54%, 49%
CMY	0.4135, 0.4605, 0.5115
CMYK	0.00, 0.08, 0.17, 0.41
HSL	31°, 11%, 54%
HSV	31°, 17%, 59%
XYZ	25.1937, 25.9610, 22.9394
YIQ	140.1060, 11.3250, -1.4990

Conversions

Conversions Part 2

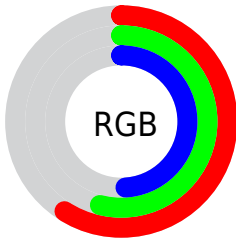
Format	Color
R_{YB}	148, 150, 125
Decimal	9865853
CIE _{Lab}	58.00, 2.22, 8.58
CIE _{LCh}	58, 8.862, 75.499
Yxy	25.9610, 0.3400, 0.3504
Android (android.graphics.Color)	4288055933 (0xFF968A7D)
YUV	140.1060, -7.4473, 8.6770
Hunter-Lab	50.9519, -0.9047, 8.9730

Details

The CIELCh color $58, 8.862, 75.499$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $56, 8.545, 259.879$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 8.526, 73.826$, and $38, 8.898, 74.992$ is the 20% darker color. If you saturate the color by 10%, you get $56, 14.474, 74.277$, and if you desaturate by 10%, it is $60, 3.481, 76.686$.

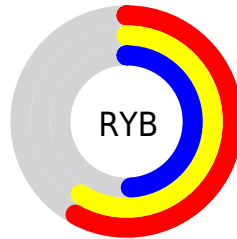
Distribution



Red (59%)

Green (54%)

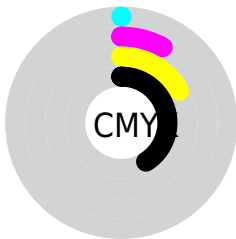
Blue (49%)



Red (58%)

Yellow (59%)

Blue (49%)

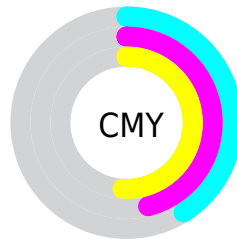


Cyan (0%)

Magenta (8%)

Yellow (17%)

Black (41%)



Cyan (41%)

Magenta (46%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 8.862, 75.499 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, 8.862, 75.499 by changing the saturation by 10% instead.

 58, 8.862, 75.499  58, 8.862, 75.499

 100, 8.862, 75.499  48, 8.862, 75.499

 78, 8.862, 75.499  38, 8.862, 75.499

 88, 8.862, 75.499  28, 8.862, 75.499

 98, 8.862, 75.499  18, 8.862, 75.499

 8, 8.862, 75.499

 0, 8.862, 75.499

 58, 8.862, 75.499  58, 8.862, 75.499

 56, 14.474, 74.277  60, 3.481, 76.686

 53, 20.324, 73.017  63, 1.685, 258.132

■ 51, 26.401, 71.738

■ 65, 6.657, 259.167

■ 49, 32.662, 70.433

■ 67, 11.453,
260.271

■ 47, 38.993, 69.073

■ 70, 16.092,
261.343

■ 45, 45.158, 67.584

■ 43, 50.708, 65.810

■ 72, 20.593,
262.374

■ 42, 55.125, 63.581

■ 75, 24.969,
263.361

■ 41, 56.646, 62.949

■ 77, 29.236,
264.303

■ 80, 31.552,
262.889

Harmonies

Complementary

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



58, 8.862, 75.499



56, 8.545, 259.879

Rectangle

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



58, 8.862, 75.499



58, 8.862, 125.499



58, 8.862, 255.499



58, 8.862, 305.499

Sweetspot

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



58, 8.862, 75.512



77, 3.194, 76.854



55, 12.111, 345.963



40, 2.176, 76.790



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



58, 8.862, 75.512



73, 13.210, 75.059



61, 13.949, 109.305



30, 2.922, 76.407



38, 53.275, 63.246



2, 2.518, 77.567

Inverse Universe

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



56, 8.545, 259.879



70, 12.620, 260.465



53, 14.478, 292.562



30, 2.871, 258.806



29, 46.403, 284.839



1, 2.519, 257.579

Previews

White Background



This preview shows how the CIELCh color 58, 8.862, 75.499 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 58, 8.862, 75.499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

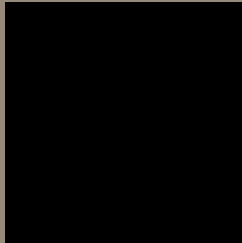
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 8.862, 75.499

Background



This preview shows how black text looks on a background with the CIELCh color 58, 8.862, 75.499.



This preview shows how white text looks on a background with the CIELCh color 58, 8.862, 75.499.

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, 8.862, 75.499

Protanopia

58, 8.287, 92.035

Deuteranopia

58, 11.213, 47.146



Tritanopia
58, 8.768, 339.991

Trichromacy



Original Color
58, 8.862, 75.499

Protanomaly
58, 8.230, 82.697

Deuteranomaly
58, 10.048, 54.204

Tritanomaly
58, 6.076, 9.247

Monochromacy



Original Color
58, 8.862, 75.499

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 3.235, 80.344

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 8.862, 75.499 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, 138, 125)` looks like.

```
.text, #text, p{  
    color:rgb(150, 138, 125)  
}
```

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, 138, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 138, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 8.862, 75.499 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, 138, 125) }
```

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

```
.border{ border-color:rgb(150, 138, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 138, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 138, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 138, 125);  
box-shadow:4px 4px 4px 4px rgb(150, 138,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 8.862, 75.499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 138, 125) }
```

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

```
.background{ background-color: rgb(150,  
138, 125) }
```

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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