

Converting Colors

CIELCh(58, 6.263, 58.848)

Have a look what the booklet for
CIELCh(58, 6.263, 58.848) contains.

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Color

CIELCh(58, 6.271, 58.848)

Conversions

Conversions Part 1

Format	Color
Hex	958982
RGB	149, 137, 130
RGB Percent	58%, 54%, 51%
CMY	0.4150, 0.4621, 0.4895
CMYK	0.00, 0.08, 0.13, 0.42
HSL	22°, 8%, 55%
HSV	22°, 13%, 58%
XYZ	25.4357, 25.9610, 24.8480
YIQ	139.7900, 9.3990, 0.3670

Conversions

Conversions Part 2

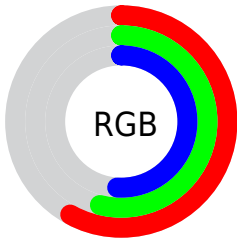
Format	Color
R_{YB}	149, 141, 130
Decimal	9800066
CIE Lab	58.00, 3.24, 5.37
CIE LCh	58, 6.271, 58.848
Yxy	25.9610, 0.3336, 0.3405
Android (android.graphics.Color)	4287990146 (0xFF958982)
YUV	139.7900, -4.8265, 8.0772
Hunter-Lab	50.9519, -0.0569, 6.7521

Details

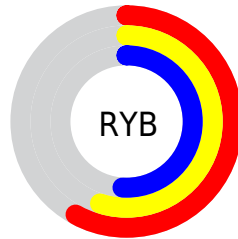
The CIELCh color $58, 6.271, 58.848$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 5.925, 241.421$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 6.168, 56.853$, and $38, 6.119, 56.706$ is the 20% darker color. If you saturate the color by 10%, you get $55, 11.571, 58.032$, and if you desaturate by 10%, it is $61, 1.303, 59.527$.

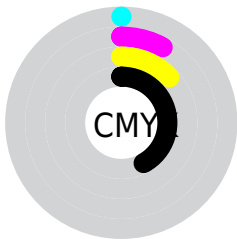
Distribution



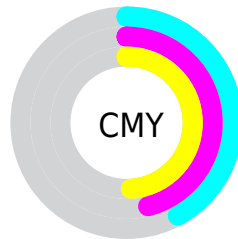
- Red (58%)
- Green (54%)
- Blue (51%)



- Red (58%)
- Yellow (55%)
- Blue (51%)



- Cyan (0%)
- Magenta (8%)
- Yellow (13%)
- Black (42%)




- Cyan (42%)
- Magenta (46%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 6.271, 58.848 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, 6.271, 58.848 by changing the saturation by 10% instead.

 58, 6.271, 58.848  58, 6.271, 58.848

 100, 6.271, 58.848  48, 6.271, 58.848

 78, 6.271, 58.848  38, 6.271, 58.848

 88, 6.271, 58.848  28, 6.271, 58.848

 98, 6.271, 58.848  18, 6.271, 58.848

 8, 6.271, 58.848

 0, 6.271, 58.848

 58, 6.271, 58.848  58, 6.271, 58.848

 55, 11.571, 58.032  61, 1.303, 59.527

 52, 17.234, 57.222  64, 3.365, 240.828

49, 23.279, 56.462

67, 7.767, 241.669

47, 29.705, 55.762

70, 11.933,
242.549

44, 36.469, 55.113

73, 15.892,
243.425

42, 43.439, 54.472

40, 50.311, 53.708

76, 19.670,
244.283

38, 56.457, 52.530

79, 23.288,
245.119

36, 60.694, 51.789

82, 26.766,
245.930

85, 27.272,
238.227

Harmonies

Complementary

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



58, 6.271, 58.848



58, 5.925, 241.421

Rectangle

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



58, 6.271, 58.848



58, 6.271, 108.848



58, 6.271, 238.848



58, 6.271, 288.848

Sweetspot

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



58, 6.271, 58.866



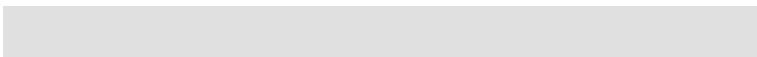
77, 2.367, 59.502



56, 10.165, 338.000



40, 1.682, 59.468



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, 6.271, 58.866



73, 9.217, 58.652



61, 9.287, 102.788



30, 2.729, 59.154



33, 57.088, 52.043



1, 2.327, 60.052

Inverse Universe

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



58, 5.925, 241.421



73, 8.598, 241.716



56, 9.473, 285.584



30, 2.624, 241.049



35, 34.427, 266.424



1, 2.327, 240.069

Previews

White Background



This preview shows how the CIELCh color 58, 6.271, 58.848 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, 6.271, 58.848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

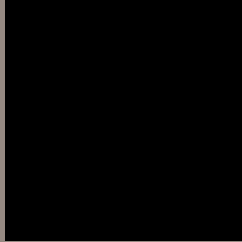
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 6.271, 58.848

Background



This preview shows how black text looks on a background with the CIELCh color 58, 6.271, 58.848.



This preview shows how white text looks on a background with the CIELCh color 58, 6.271, 58.848.

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, 6.271, 58.848

Protanopia

58, 4.943, 85.656

Deuteranopia

58, 8.853, 34.946



Tritanopia
58, 8.474, 338.215

Trichromacy



Original Color
58, 6.271, 58.848

Protanomaly
58, 5.098, 70.496

Deuteranomaly
58, 7.848, 41.095

Tritanomaly
58, 5.992, 357.759

Monochromacy



Original Color
58, 6.271, 58.848

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 2.309, 66.653

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 6.271, 58.848 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(149, 137, 130)` looks like.

```
.text, #text, p{  
    color:rgb(149, 137, 130)  
}
```

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(149, 137, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 137, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 6.271, 58.848 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(149, 137, 130) }
```

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

```
.border{ border-color:rgb(149, 137, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 137, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 137, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 137, 130);  
box-shadow:4px 4px 4px 4px rgb(149, 137,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 6.271, 58.848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 137, 130) }
```

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

```
.background{ background-color: rgb(149,  
137, 130) }
```

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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