

Converting Colors

CIELCh(58, 1.589, 65.275)

Have a look what the booklet for
CIELCh(58, 1.589, 65.275) contains.

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Color

CIELCh(58, 1.626, 63.338)

Conversions

Conversions Part 1

Format	Color
Hex	8E8B89
RGB	142, 139, 137
RGB Percent	56%, 55%, 54%
CMY	0.4437, 0.4555, 0.4633
CMYK	0.00, 0.02, 0.04, 0.44
HSL	24°, 2%, 55%
HSV	24°, 4%, 56%
XYZ	24.8449, 25.9610, 27.3122
YIQ	139.6690, 2.4300, 0.0140

Conversions

Conversions Part 2

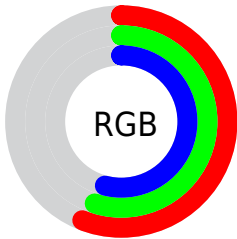
Format	Color
R_YB	142, 140, 137
Decimal	9341833
CIE Lab	58.00, 0.73, 1.45
CIE LCh	58, 1.626, 63.338
Yxy	25.9610, 0.3180, 0.3323
Android (android.graphics.Color)	4287531913 (0xFF8E8B89)
YUV	139.6690, -1.3158, 2.0443
Hunter-Lab	50.9519, -2.1268, 3.8846

Details

The CIELCh color **58, 1.626, 63.338** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **58, 1.613, 244.527**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 1.815, 55.193**, and **38, 1.767, 63.243** is the 20% darker color. If you saturate the color by 10%, you get **55, 6.442, 62.573**, and if you desaturate by 10%, it is **61, 2.919, 244.717**.

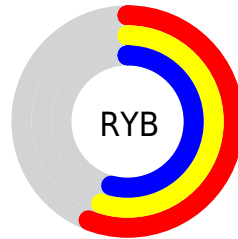
Distribution



Red (56%)

Green (55%)

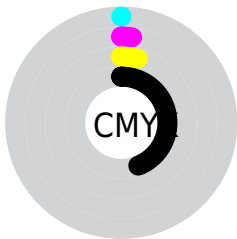
Blue (54%)



Red (56%)

Yellow (55%)

Blue (54%)

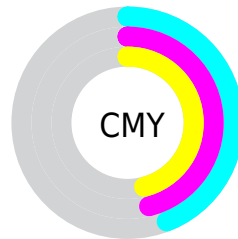


Cyan (0%)

Magenta (2%)

Yellow (4%)

Black (44%)



Cyan (44%)

Magenta (46%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 1.626, 63.338 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, 1.626, 63.338 by changing the saturation by 10% instead.

 58, 1.626, 63.338  58, 1.626, 63.338

 100, 1.626, 63.338  48, 1.626, 63.338

 78, 1.626, 63.338  38, 1.626, 63.338

 88, 1.626, 63.338  28, 1.626, 63.338

 98, 1.626, 63.338  18, 1.626, 63.338

 8, 1.626, 63.338

 0, 1.626, 63.338

 58, 1.626, 63.338  58, 1.626, 63.338

 55, 6.442, 62.573  61, 2.919, 244.717

 53, 11.556, 61.627  64, 7.223, 245.628

50, 16.994, 60.693

66, 11.314,
246.577

47, 22.772, 59.791

69, 15.218,
247.514

45, 28.882, 58.927

43, 35.276, 58.089

72, 18.956,
248.428

40, 41.816, 57.226

75, 22.548,
249.314

38, 48.193, 56.204

36, 53.808, 54.745

77, 26.013,
250.170

80, 29.365,
250.994

83, 29.375,
244.266

Harmonies

Complementary

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



58, 1.626, 63.338



58, 1.613, 244.527

Rectangle

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



58, 1.626, 63.338



58, 1.626, 113.338



58, 1.626, 243.338



58, 1.626, 293.338

Sweetspot

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



58, 1.626, 63.400



74, 0.562, 63.118



58, 2.614, 338.775



39, 0.318, 63.071



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



58, 1.626, 63.400



73, 2.283, 63.374



59, 2.544, 105.420



30, 1.315, 63.344



34, 55.363, 54.185



1, 1.761, 63.952

Inverse Universe

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



58, 1.613, 244.527



73, 2.258, 244.558



57, 2.572, 286.197



30, 1.297, 244.592



33, 36.059, 270.999



1, 1.761, 243.968

Previews

White Background



This preview shows how the CIELCh color 58, 1.626, 63.338 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, 1.626, 63.338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

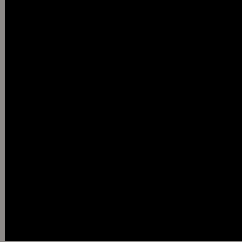
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

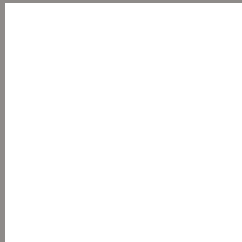
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 1.626, 63.338

Background



This preview shows how black text looks on a background with the CIELCh color 58, 1.626, 63.338.



This preview shows how white text looks on a background with the CIELCh color 58, 1.626, 63.338.

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, 1.626, 63.338

Protanopia

58, 1.626, 63.338

Deuteranopia

58, 7.375, 6.836



Tritanopia
58, 6.847, 313.965

Trichromacy



Original Color
58, 1.626, 63.338

Protanomaly
58, 1.626, 63.338

Deuteranomaly
58, 5.288, 7.515

Tritanomaly
58, 3.949, 319.938

Monochromacy



Original Color
58, 1.626, 63.338

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 0.680, 74.837

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 1.626, 63.338 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(142, 139, 137)` looks like.

```
.text, #text, p{  
    color:rgb(142, 139, 137)  
}
```

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(142, 139, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 139, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 1.626, 63.338 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(142, 139, 137) }
```

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

```
.border{ border-color:rgb(142, 139, 137) }
```

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

Here you see how a box with a 4 pixel rgb(142, 139, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 139, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 139, 137);  
box-shadow:4px 4px 4px 4px rgb(142, 139,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 1.626, 63.338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 139, 137) }
```

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

```
.background{ background-color: rgb(142,  
139, 137) }
```

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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