

Converting Colors

CIELCh(58, 1.731, 130.508)

Have a look what the booklet for
CIELCh(58, 1.731, 130.508) contains.

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Color

CIELCh(58, 1.876, 134.655)

Conversions

Conversions Part 1

Format	Color
Hex	8A8C89
RGB	138, 140, 137
RGB Percent	54%, 55%, 54%
CMY	0.4589, 0.4510, 0.4628
CMYK	0.01, 0.00, 0.02, 0.45
HSL	100°, 1%, 54%
HSV	100°, 2%, 55%
XYZ	24.3704, 25.9610, 27.3894
YIQ	139.0600, -0.2290, -1.3570

Conversions

Conversions Part 2

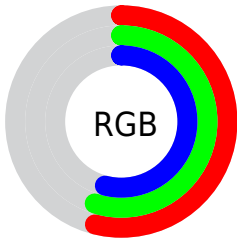
Format	Color
R_{YB}	137, 140, 139
Decimal	9079945
CIE Lab	58.00, -1.32, 1.33
CIE LCh	58, 1.876, 134.655
Yxy	25.9610, 0.3136, 0.3340
Android (android.graphics.Color)	4287270025 (0xFF8A8C89)
YUV	139.0600, -1.0156, -0.9296
Hunter-Lab	50.9519, -3.7890, 3.7948

Details

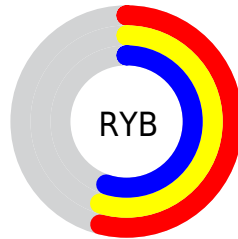
The CIELCh color $58, 1.876, 134.655$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $57, 1.895, 314.695$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 2.411, 137.287$, and $38, 2.033, 134.591$ is the 20% darker color. If you saturate the color by 10%, you get $57, 10.711, 134.186$, and if you desaturate by 10%, it is $59, 6.872, 314.952$.

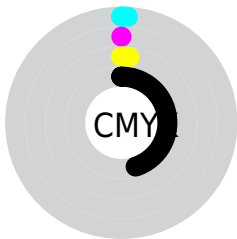
Distribution



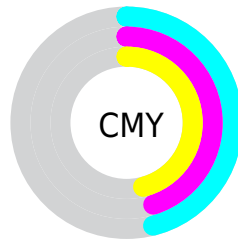
- Red (54%)
- Green (55%)
- Blue (54%)



- Red (54%)
- Yellow (55%)
- Blue (55%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (45%)



- Cyan (46%)
- Magenta (45%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 1.876, 134.655 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, 1.876, 134.655 by changing the saturation by 10% instead.

■ 58, 1.876, 134.655

■ 58, 1.876, 134.655

■ 100, 1.876,
134.655

■ 48, 1.876, 134.655

■ 78, 1.876, 134.655

■ 38, 1.876, 134.655

■ 88, 1.876, 134.655

■ 28, 1.876, 134.655

■ 98, 1.876, 134.655

■ 18, 1.876, 134.655

■ 8, 1.876, 134.655

■ 0, 1.876, 134.655

■ 58, 1.876, 134.655

■ 58, 1.876, 134.655

■ 57, 10.711,
134.186

■ 59, 6.872, 314.952

■ 60, 15.496,

■ 56, 19.572,
133.717

315.295

■ 55, 28.382,
133.217

■ 62, 23.969,
315.590

■ 54, 37.029,
132.699

■ 63, 32.271,
315.846

■ 53, 45.362,
132.197

■ 65, 40.391,
316.068

■ 53, 53.168,
131.763

■ 66, 48.326,
316.260

■ 52, 60.164,
131.481

■ 68, 56.072,
316.425

■ 52, 66.002,
131.464

■ 69, 63.633,
316.567

■ 51, 70.342,
131.825

■ 71, 67.268,
318.072

Harmonies

Complementary

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



58, 1.876, 134.655



57, 1.895, 314.695

Rectangle

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



58, 1.876, 134.655



58, 1.876, 184.655



58, 1.876, 314.655



58, 1.876, 4.655

Sweetspot

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



58, 1.878, 134.665



74, 1.075, 134.787



58, 1.191, 90.716



39, 0.616, 134.800



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, 1.878, 134.665



73, 3.246, 134.607



58, 1.849, 149.391



29, 1.955, 134.575



49, 70.134, 132.126



1, 2.274, 134.680

Inverse Universe

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



57, 1.895, 314.695



72, 3.270, 314.752



57, 1.862, 329.393



28, 1.968, 314.784



23, 74.023, 316.616



0, 2.274, 314.677

Previews

White Background



This preview shows how the CIELCh color 58, 1.876, 134.655 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, 1.876, 134.655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

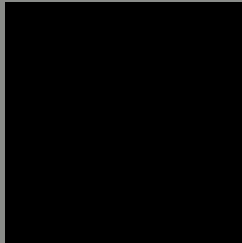
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

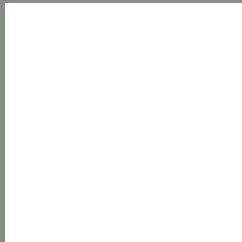
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 1.876, 134.655

Background



This preview shows how black text looks on a background with the CIELCh color 58, 1.876, 134.655.



This preview shows how white text looks on a background with the CIELCh color 58, 1.876, 134.655.

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, 1.876, 134.655

Protanopia

58, 2.060, 74.786

Deuteranopia

58, 7.375, 6.836



Tritanopia
58, 6.321, 297.813

Trichromacy



Original Color
58, 1.876, 134.655

Protanomaly
58, 1.863, 84.870

Deuteranomaly
58, 4.400, 12.376

Tritanomaly
58, 3.416, 290.588

Monochromacy



Original Color
58, 1.876, 134.655

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 0.561, 110.024

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 1.876, 134.655 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(138, 140, 137)` looks like.

```
.text, #text, p{  
    color:rgb(138, 140, 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(138, 140, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 140, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 1.876, 134.655 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(138, 140, 137) }
```

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

```
.border{ border-color:rgb(138, 140, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 140, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 140, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 140, 137);  
box-shadow:4px 4px 4px 4px rgb(138, 140,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 1.876, 134.655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 140, 137) }
```

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

```
.background{ background-color: rgb(138,  
140, 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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