

Converting Colors

CIELCh(58, 2.534, 263.440)

Have a look what the booklet for
CIELCh(58, 2.534, 263.440) contains.

CIELCh(58, 2.534, 263.440)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(58, 2.534, 263.440)

Conversions

Conversions Part 1

Format	Color
Hex	898C90
RGB	137, 140, 144
RGB Percent	54%, 55%, 56%
CMY	0.4640, 0.4522, 0.4365
CMYK	0.05, 0.03, 0.00, 0.44
HSL	214°, 3%, 55%
HSV	214°, 5%, 56%
XYZ	24.6080, 25.9610, 29.9736
YIQ	139.5590, -3.0720, 0.6080

Conversions

Conversions Part 2

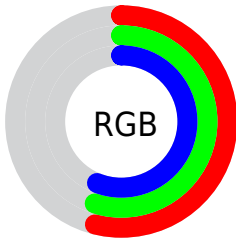
Format	Color
RYB	137, 139, 144
Decimal	9014416
CIELab	58.00, -0.29, -2.52
CIElCh	58, 2.534, 263.440
Yxy	25.9610, 0.3055, 0.3223
Android (android.graphics.Color)	4287204496 (0xFF898C90)
YUV	139.5590, 2.1894, -2.2442
Hunter-Lab	50.9519, -2.9566, 0.7877

Details

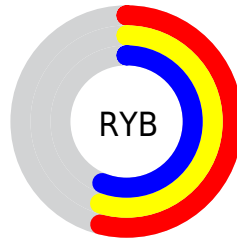
The CIELCh color $58, 2.534, 263.440$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 2.538, 82.017$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 2.570, 256.059$, and $38, 2.734, 263.707$ is the 20% darker color. If you saturate the color by 10%, you get $55, 7.734, 264.747$, and if you desaturate by 10%, it is $61, 2.651, 82.013$.

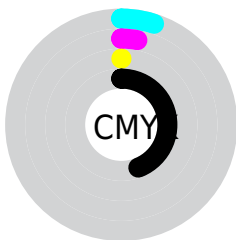
Distribution



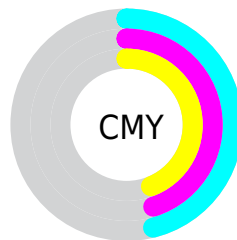
- Red (54%)
- Green (55%)
- Blue (56%)



- Red (54%)
- Yellow (55%)
- Blue (56%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (44%)



- Cyan (46%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 2.534, 263.440 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, 2.534, 263.440 by changing the saturation by 10% instead.

■ 58, 2.534, 263.440

■ 58, 2.534, 263.440

■ 100, 2.534,
263.440

■ 48, 2.534, 263.440

■ 78, 2.534, 263.440

■ 38, 2.534, 263.440

■ 88, 2.534, 263.440

■ 28, 2.534, 263.440

■ 98, 2.534, 263.440

■ 18, 2.534, 263.440

■ 8, 2.534, 263.440

■ 0, 2.534, 263.440

■ 58, 2.534, 263.440

■ 58, 2.534, 263.440

■ 55, 7.734, 264.747

■ 61, 2.651, 82.013

■ 51, 12.943,

■ 65, 7.807, 81.032

266.375



68, 12.928, 80.136

48, 18.152,
268.293



72, 18.006, 79.346

44, 23.358,
270.546



75, 23.033, 78.648

41, 28.568,
273.178



78, 28.006, 78.026

38, 33.800,
276.219



82, 32.921, 77.470

35, 39.092,
279.667



85, 37.775, 76.969

32, 44.487,
283.468

29, 50.023,
287.476

Harmonies

Complementary

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



58, 2.534, 263.440



59, 2.538, 82.017

Rectangle

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



58, 2.534, 263.440



58, 2.534, 313.440



58, 2.534, 83.440



58, 2.534, 133.440

Sweetspot

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



58, 2.533, 263.408



75, 0.648, 263.283



59, 3.226, 167.105



40, 0.372, 263.305



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



58, 2.533, 263.408



73, 3.855, 263.553



57, 4.000, 293.224



29, 2.045, 263.589



26, 50.337, 289.143



1, 1.972, 262.710

Inverse Universe

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



58, 3.250, 347.975



72, 4.956, 348.106



59, 3.946, 112.391



29, 2.630, 348.136



28, 52.679, 7.457



1, 2.515, 347.665

Previews

White Background



This preview shows how the CIE LCh color 58, 2.534, 263.440 looks on a white background.

Color Contrast Check

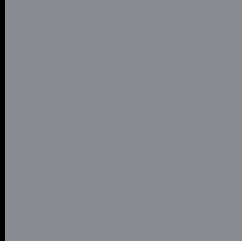
Large Text (above 18pt) WCAG AA ✓ Pass

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, 2.534, 263.440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

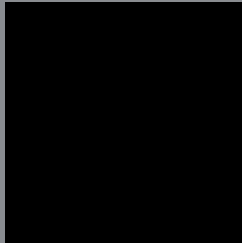
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

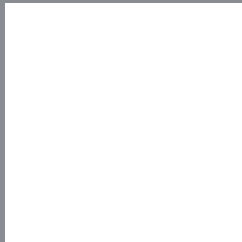
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 2.534, 263.440

Background



This preview shows how black text looks on a background with the CIELCh color 58, 2.534, 263.440.



This preview shows how white text looks on a background with the CIELCh color 58, 2.534, 263.440.

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, 2.534, 263.440

Protanopia

58, 2.417, 309.148

Deuteranopia

58, 8.188, 336.319



Tritanopia
58, 6.262, 287.451

Trichromacy



Original Color

58, 2.534, 263.440

Protanomaly

58, 2.280, 290.464

Deuteranomaly

58, 5.538, 324.698

Tritanomaly

58, 5.128, 286.532

Monochromacy



Original Color

58, 2.534, 263.440

Achromatopsia

58, 0.007, 296.813

Achromatomaly

58, 1.202, 271.533

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 2.534, 263.440 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(137, 140, 144)` looks like.

```
.text, #text, p{  
    color:rgb(137, 140, 144)  
}
```

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(137, 140, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 140, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 2.534, 263.440 is called "border". The border property can be set on classes, ids or directly on the HTML element.

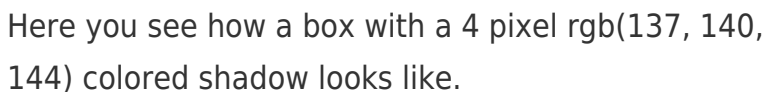
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 140, 144) }
```

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

```
.border{ border-color:rgb(137, 140, 144) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 140, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 140, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 140, 144); box-shadow:4px 4px 4px 4px rgb(137, 140, 144) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 2.534, 263.440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 140, 144) }
```

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

```
.background{ background-color: rgb(137,  
140, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor