

Converting Colors

CIELCh(58, 8.686, 5.203)

Have a look what the booklet for
CIELCh(58, 8.686, 5.203) contains.

CIELCh(58, 8.686, 5.203)	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, 8.686, 5.203)

Conversions

Conversions Part 1

Format	Color
Hex	9B868A
RGB	155, 134, 138
RGB Percent	61%, 53%, 54%
CMY	0.3911, 0.4735, 0.4578
CMYK	0.00, 0.14, 0.11, 0.39
HSL	349°, 10%, 57%
HSV	349°, 14%, 61%
XYZ	26.7376, 25.9610, 27.7468
YIQ	140.7350, 11.2320, 5.6960

Conversions

Conversions Part 2

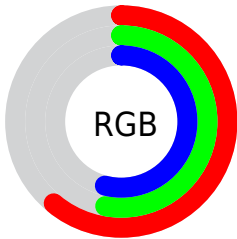
Format	Color
R_{YB}	155, 134, 138
Decimal	10192522
CIE _{Lab}	58.00, 8.65, 0.79
CIE _{LCh}	58, 8.686, 5.203
Yxy	25.9610, 0.3324, 0.3227
Android (android.graphics.Color)	4288382602 (0xFF9B868A)
YUV	140.7350, -1.3484, 12.5104
Hunter-Lab	50.9519, 4.5041, 3.3789

Details

The CIELCh color $58, 8.686, 5.203$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $62, 8.229, 182.866$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 8.891, 6.220$, and $38, 9.026, 5.031$ is the 20% darker color. If you saturate the color by 10%, you get $54, 15.486, 6.367$, and if you desaturate by 10%, it is $62, 2.207, 4.106$.

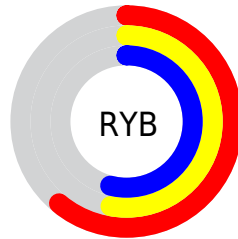
Distribution



Red (61%)

Green (53%)

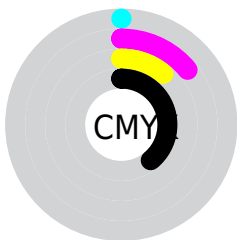
Blue (54%)



Red (61%)

Yellow (53%)

Blue (54%)

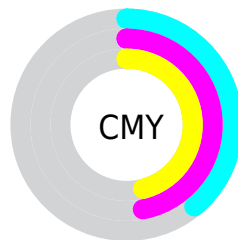


Cyan (0%)

Magenta (14%)

Yellow (11%)

Black (39%)



Cyan (39%)

Magenta (47%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 8.686, 5.203 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, 8.686, 5.203 by changing the saturation by 10% instead.

 58, 8.686, 5.203

 58, 8.686, 5.203

 100, 8.686, 5.203

 48, 8.686, 5.203

 78, 8.686, 5.203

 38, 8.686, 5.203

 88, 8.686, 5.203

 28, 8.686, 5.203

 98, 8.686, 5.203

 18, 8.686, 5.203

 8, 8.686, 5.203

 0, 8.686, 5.203

 58, 8.686, 5.203

 58, 8.686, 5.203

 54, 15.486, 6.367

 62, 2.207, 4.106

 49, 22.558, 7.739

 67, 3.930, 183.579

45, 29.792, 9.410

72, 9.731, 182.793

42, 37.013, 11.486

76, 15.215,
182.139

39, 43.983, 14.095

81, 20.408,
181.563

36, 50.432, 17.382

34, 56.147, 21.454

86, 25.337,
181.047

33, 61.059, 26.278

90, 30.027,
180.580

32, 64.114, 29.374

94, 32.923,
182.607

94, 30.937,
194.043

Harmonies

Complementary

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



58, 8.686, 5.203



62, 8.229, 182.866

Rectangle

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



58, 8.686, 5.203



58, 8.686, 55.203



58, 8.686, 185.203



58, 8.686, 235.203

Sweetspot

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



58, 8.684, 5.211



79, 3.098, 4.181



58, 13.605, 319.384



42, 2.223, 4.271



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



58, 8.684, 5.211



72, 12.790, 5.516



60, 6.914, 50.652



30, 3.545, 4.754



29, 59.250, 28.840



1, 3.739, 4.232

Inverse Universe

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



58, 8.684, 5.211



72, 12.790, 5.516



61, 6.427, 232.664



30, 3.545, 4.754



29, 59.250, 28.840



1, 3.739, 4.232

Previews

White Background



This preview shows how the CIELCh color 58, 8.686, 5.203 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, 8.686, 5.203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

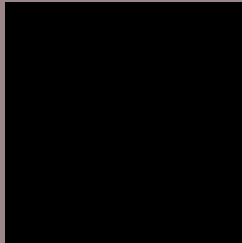
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 8.686, 5.203

Background



This preview shows how black text looks on a background with the CIELCh color 58, 8.686, 5.203.



This preview shows how white text looks on a background with the CIELCh color 58, 8.686, 5.203.

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, 8.686, 5.203

Protanopia

58, 1.392, 324.374

Deuteranopia

58, 7.375, 6.836



Tritanopia
58, 11.004, 346.069

Trichromacy



Original Color

58, 8.686, 5.203

Protanomaly

58, 3.944, 354.152

Deuteranomaly

58, 7.770, 7.576

Tritanomaly

58, 10.437, 351.275

Monochromacy



Original Color

58, 8.686, 5.203

Achromatopsia

59, 0.008, 296.813

Achromatomaly

58, 2.817, 7.956

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 8.686, 5.203 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(155, 134, 138)` looks like.

```
.text, #text, p{  
    color:rgb(155, 134, 138)  
}
```

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(155, 134, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 134, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 8.686, 5.203 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(155, 134, 138) }
```

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

```
.border{ border-color:rgb(155, 134, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 134, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 134, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 134, 138);  
box-shadow:4px 4px 4px 4px rgb(155, 134,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 8.686, 5.203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 134, 138) }
```

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

```
.background{ background-color: rgb(155,  
134, 138) }
```

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