

Converting Colors

CIELCh(58, 12.038, 345.886)

Have a look what the booklet for
CIELCh(58, 12.038, 345.886)
contains.

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Color

CIELCh(58, 11.961, 346.074)

Conversions

Conversions Part 1

Format	Color
Hex	9E8591
RGB	158, 133, 145
RGB Percent	62%, 52%, 57%
CMY	0.3817, 0.4796, 0.4326
CMYK	0.00, 0.16, 0.08, 0.38
HSL	331°, 11%, 57%
HSV	331°, 16%, 62%
XYZ	27.4687, 25.9610, 30.2239
YIQ	141.8430, 11.0480, 9.0320

Conversions

Conversions Part 2

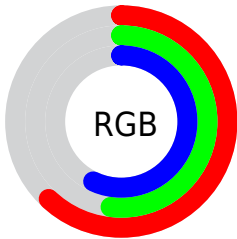
Format	Color
R_{YB}	158, 133, 145
Decimal	10388881
CIE _{Lab}	58.00, 11.61, -2.88
CIE _{LCh}	58, 11.961, 346.074
Yxy	25.9610, 0.3284, 0.3103
Android (android.graphics.Color)	4288578961 (0xFF9E8591)
YUV	141.8430, 1.5564, 14.1697
Hunter-Lab	50.9519, 7.0653, 0.4964

Details

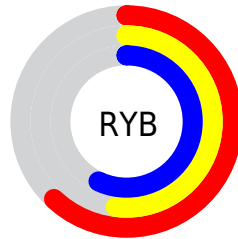
The CIELCh color $58, 11.961, 346.074$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $63, 11.704, 163.416$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 12.193, 345.721$, and $38, 12.204, 344.243$ is the 20% darker color. If you saturate the color by 10%, you get $54, 19.680, 347.077$, and if you desaturate by 10%, it is $62, 4.360, 345.142$.

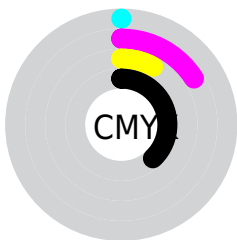
Distribution



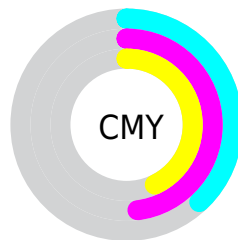
- Red (62%)
- Green (52%)
- Blue (57%)



- Red (62%)
- Yellow (52%)
- Blue (57%)



- Cyan (0%)
- Magenta (16%)
- Yellow (8%)
- Black (38%)





- Cyan (38%)
- Magenta (48%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 11.961, 346.074 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, 11.961, 346.074 by changing the saturation by 10% instead.


 58, 11.961,
346.074


 58, 11.961,
346.074


 100, 11.961,
346.074


 48, 11.961,
346.074


 78, 11.961,
346.074

 38, 11.961,
346.074

 88, 11.961,
346.074

 28, 11.961,
346.074

 98, 11.961,
346.074

 18, 11.961,
346.074

 8, 11.961, 346.074

 0, 11.961, 346.074

58, 11.961,
346.074

58, 11.961,
346.074

54, 19.680,
347.077

62, 4.360, 345.142

50, 27.394,
348.204

67, 3.042, 164.535

46, 34.902,
349.504

71, 10.207,
163.725

42, 41.921,
351.039

76, 17.121,
163.041

39, 48.099,
352.899

81, 23.784,
162.417

37, 53.055,
355.203

85, 30.206,
161.840

35, 56.493,
358.102

90, 36.402,
161.305

34, 58.388, 1.728

93, 40.269,
162.038

■ 33, 59.061, 3.315

■ 93, 37.611,
167.001

Harmonies

Complementary

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



58, 11.961, 346.074



63, 11.704, 163.416

Rectangle

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



58, 11.961, 346.074



58, 11.961, 36.074



58, 11.961, 166.074



58, 11.961, 216.074

Sweetspot

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



58, 11.959, 346.077



79, 4.595, 345.068



57, 15.125, 310.344



41, 3.130, 345.132



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, 11.959, 346.077



72, 17.750, 346.417



58, 9.975, 21.750



31, 4.244, 345.462



30, 54.959, 2.900



1, 5.398, 346.131

Inverse Universe

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



58, 11.959, 346.077



72, 17.750, 346.417



63, 9.018, 200.131



31, 4.244, 345.462



30, 54.959, 2.900



1, 5.398, 346.131

Previews

White Background



This preview shows how the CIELCh color 58, 11.961, 346.074 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, 11.961, 346.074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

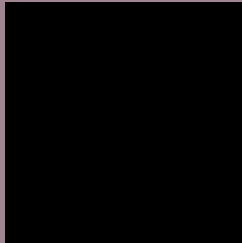
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 11.961, 346.074

Background



This preview shows how black text looks on a background with the CIELCh color 58, 11.961, 346.074.



This preview shows how white text looks on a background with the CIELCh color 58, 11.961, 346.074.

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, 11.961, 346.074

Protanopia

58, 5.120, 290.779

Deuteranopia

58, 8.111, 341.208



Tritanopia
58, 11.048, 349.754

Trichromacy



Original Color
58, 11.961, 346.074

Protanomaly
58, 6.700, 322.007

Deuteranomaly
58, 9.392, 343.226

Tritanomaly
58, 11.333, 347.265

Monochromacy



Original Color
58, 11.961, 346.074

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 4.207, 347.187

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 11.961, 346.074 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(158, 133, 145)` looks like.

```
.text, #text, p{  
    color:rgb(158, 133, 145)  
}
```

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(158, 133, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 133, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 11.961, 346.074 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(158, 133, 145) }
```

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

```
.border{ border-color:rgb(158, 133, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 133, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 133, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 133, 145);  
box-shadow:4px 4px 4px 4px rgb(158, 133,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 11.961, 346.074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 133, 145) }
```

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

```
.background{ background-color: rgb(158,  
133, 145) }
```

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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