

Converting Colors

CIELCh(58, 13.369, 344.195)

Have a look what the booklet for
CIELCh(58, 13.369, 344.195)
contains.

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Color

CIELCh(58, 13.244, 344.056)

Conversions

Conversions Part 1

Format	Color
Hex	9F8492
RGB	159, 132, 146
RGB Percent	62%, 52%, 57%
CMY	0.3763, 0.4822, 0.4273
CMYK	0.00, 0.17, 0.08, 0.38
HSL	329°, 12%, 57%
HSV	329°, 17%, 62%
XYZ	27.7501, 25.9610, 30.7548
YIQ	141.6690, 11.5980, 10.0780

Conversions

Conversions Part 2

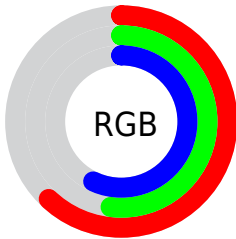
Format	Color
R_{YB}	159, 132, 146
Decimal	10454162
CIE _{Lab}	58.00, 12.73, -3.64
CIE _{LCh}	58, 13.244, 344.056
Yxy	25.9610, 0.3285, 0.3074
Android (android.graphics.Color)	4288644242 (0xFF9F8492)
YUV	141.6690, 2.1352, 15.1993
Hunter-Lab	50.9519, 8.0512, -0.1214

Details

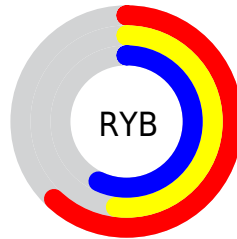
The CIELCh color **58, 13.244, 344.056** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **63, 12.990, 161.274**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 13.409, 343.839**, and **38, 13.593, 342.373** is the 20% darker color. If you saturate the color by 10%, you get **54, 21.192, 345.022**, and if you desaturate by 10%, it is **62, 5.384, 343.162**.

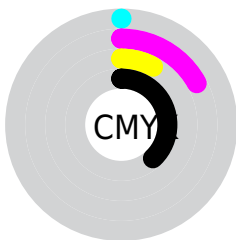
Distribution



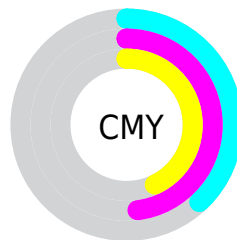
- Red (62%)
- Green (52%)
- Blue (57%)



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



- Cyan (0%)
- Magenta (17%)
- Yellow (8%)
- Black (38%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 13.244, 344.056 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, 13.244, 344.056 by changing the saturation by 10% instead.


 58, 13.244,
344.056


 58, 13.244,
344.056


 100, 13.244,
344.056


 48, 13.244,
344.056


 78, 13.244,
344.056

 38, 13.244,
344.056

 88, 13.244,
344.056

 28, 13.244,
344.056

 98, 13.244,
344.056

 18, 13.244,
344.056

 8, 13.244, 344.056

 0, 13.244, 344.056

58, 13.244,
344.056

58, 13.244,
344.056

54, 21.192,
345.022

62, 5.384, 343.162

50, 29.091,
346.102

67, 2.294, 162.590

71, 9.744, 161.760

46, 36.720,
347.337

76, 16.948,
161.084

42, 43.778,
348.786

81, 23.901,
160.466

40, 49.892,
350.528

85, 30.611,
159.894

37, 54.674,
352.674


90, 37.091,
159.362


35, 57.829,
355.365

93, 40.977,
160.089

34, 59.407,

358.699

 93, 38.400,
164.509

 34, 59.825,
359.747

Harmonies

Complementary

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



58, 13.244, 344.056



63, 12.990, 161.274

Rectangle

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



58, 13.244, 344.056



58, 13.244, 34.056



58, 13.244, 164.056



58, 13.244, 214.056

Sweetspot

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



58, 13.242, 344.059



80, 4.765, 342.986



57, 16.190, 308.689



42, 3.279, 343.050



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



58, 13.242, 344.059



72, 19.359, 344.376



58, 10.969, 17.881



31, 4.354, 343.365



30, 55.350, 359.342



1, 5.534, 344.094

Inverse Universe

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



58, 13.242, 344.059



72, 19.359, 344.376



63, 9.915, 195.642



31, 4.354, 343.365



30, 55.350, 359.342



1, 5.534, 344.094

Previews

White Background



This preview shows how the CIELCh color 58, 13.244, 344.056 looks on a white background.

Color Contrast Check

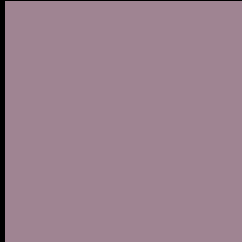
Large Text (above 18pt) WCAG AA ✓ Pass

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, 13.244, 344.056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

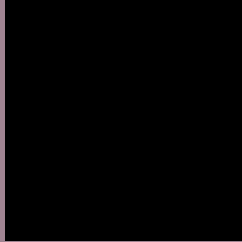
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 13.244, 344.056

Background



This preview shows how black text looks on a background with the CIELCh color 58, 13.244, 344.056.



This preview shows how white text looks on a background with the CIELCh color 58, 13.244, 344.056.

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, 13.244, 344.056

Protanopia

58, 6.257, 290.908

Deuteranopia

58, 8.188, 336.319



Tritanopia
58, 11.740, 351.869

Trichromacy



Original Color
58, 13.244, 344.056

Protanomaly
58, 8.378, 318.230

Deuteranomaly
58, 9.736, 340.545

Tritanomaly
58, 12.004, 349.472

Monochromacy



Original Color
58, 13.244, 344.056

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 4.855, 344.127

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 13.244, 344.056 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(159, 132, 146)` looks like.

```
.text, #text, p{  
    color:rgb(159, 132, 146)  
}
```

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(159, 132, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 132, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 13.244, 344.056 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(159, 132, 146) }
```

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

```
.border{ border-color:rgb(159, 132, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 132, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 132, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 132, 146);  
box-shadow:4px 4px 4px 4px rgb(159, 132,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 13.244, 344.056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 132, 146) }
```

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

```
.background{ background-color: rgb(159,  
132, 146) }
```

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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