

Converting Colors

CIELCh(58, 10.053, 342.051)

Have a look what the booklet for
CIELCh(58, 10.053, 342.051)
contains.

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Color

CIELCh(58, 10.040, 342.045)

Conversions

Conversions Part 1

Format	Color
Hex	9A8691
RGB	154, 134, 145
RGB Percent	60%, 53%, 57%
CMY	0.3961, 0.4745, 0.4314
CMYK	0.00, 0.13, 0.06, 0.40
HSL	327°, 9%, 56%
HSV	327°, 13%, 60%
XYZ	26.9588, 25.9610, 30.3745
YIQ	141.2340, 8.3890, 7.6610

Conversions

Conversions Part 2

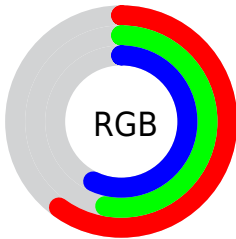
Format	Color
RYB	154, 134, 145
Decimal	10126993
CIELab	58.00, 9.55, -3.10
CIELCh	58, 10.040, 342.045
Yxy	25.9610, 0.3237, 0.3117
Android (android.graphics.Color)	4288317073 (0xFF9A8691)
YUV	141.2340, 1.8566, 11.1958
Hunter-Lab	50.9519, 5.2789, 0.3211

Details

The CIELCh color $58, 10.040, 342.045$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $62, 9.909, 160.052$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 10.092, 340.742$, and $38, 10.500, 340.990$ is the 20% darker color. If you saturate the color by 10%, you get $54, 17.909, 342.937$, and if you desaturate by 10%, it is $62, 2.286, 341.142$.

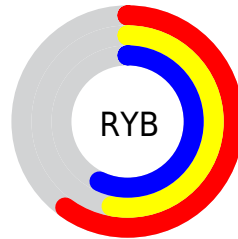
Distribution



Red (60%)

Green (53%)

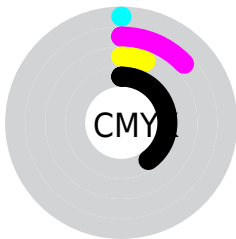
Blue (57%)



Red (60%)

Yellow (53%)

Blue (57%)

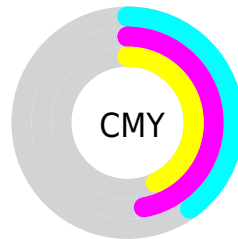


Cyan (0%)

Magenta (13%)

Yellow (6%)

Black (40%)



Cyan (40%)


Magenta (47%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 10.040, 342.045 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, 10.040, 342.045 by changing the saturation by 10% instead.


 58, 10.040,
342.045


 58, 10.040,
342.045


 100, 10.040,
342.045


 48, 10.040,
342.045


 78, 10.040,
342.045

 38, 10.040,
342.045

 88, 10.040,
342.045

 28, 10.040,
342.045

 98, 10.040,
342.045

 18, 10.040,
342.045

 8, 10.040, 342.045

 0, 10.040, 342.045

58, 10.040,
342.045

58, 10.040,
342.045

54, 17.909,
342.937

62, 2.286, 341.142

50, 25.777,
343.915

67, 5.277, 160.611

46, 33.458,
345.015

71, 12.614,
159.899

43, 40.687,
346.279

76, 19.710,
159.263

39, 47.120,
347.767

80, 26.566,
158.676

37, 52.373,
349.567

85, 33.189,
158.129


35, 56.098,
351.793


89, 39.592,
157.619

34, 58.116,

93, 44.564,
157.679

354.580

 93, 42.121,
161.197

 33, 58.961,
356.773

Harmonies

Complementary

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



58, 10.040, 342.045



62, 9.909, 160.052

Rectangle

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



58, 10.040, 342.045



58, 10.040, 32.045



58, 10.040, 162.045



58, 10.040, 212.045

Sweetspot

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



58, 10.038, 342.048



79, 3.814, 341.264



57, 11.957, 307.906



42, 2.734, 341.335



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, 10.038, 342.048



73, 15.441, 342.337



58, 8.058, 16.181



30, 4.329, 341.726



30, 55.136, 356.447



1, 4.604, 341.517

Inverse Universe

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



58, 10.038, 342.048



73, 15.441, 342.337



62, 7.488, 194.464



30, 4.329, 341.726



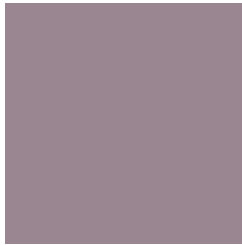
30, 55.136, 356.447



1, 4.604, 341.517

Previews

White Background



This preview shows how the CIELCh color 58, 10.040, 342.045 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, 10.040, 342.045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

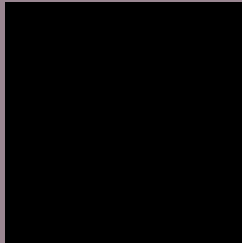
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 10.040, 342.045

Background



This preview shows how black text looks on a background with the CIELCh color 58, 10.040, 342.045.



This preview shows how white text looks on a background with the CIELCh color 58, 10.040, 342.045.

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, 10.040, 342.045

Protanopia

58, 5.140, 295.030

Deuteranopia

58, 8.474, 338.215



Tritanopia
58, 10.040, 342.045

Trichromacy



Original Color
58, 10.040, 342.045

Protanomaly
58, 6.506, 319.077

Deuteranomaly
58, 8.768, 339.991

Tritanomaly
58, 10.040, 342.045

Monochromacy



Original Color
58, 10.040, 342.045

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 3.888, 344.005

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 10.040, 342.045 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(154, 134, 145)` looks like.

```
.text, #text, p{  
    color:rgb(154, 134, 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(154, 134, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 134, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 10.040, 342.045 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(154, 134, 145) }
```

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

```
.border{ border-color:rgb(154, 134, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 134, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 134, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 134, 145);  
box-shadow:4px 4px 4px 4px rgb(154, 134,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 10.040, 342.045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 134, 145) }
```

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

```
.background{ background-color: rgb(154,  
134, 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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