

Converting Colors

CIELCh(59, 12.357, 7.557)

Have a look what the booklet for
CIELCh(59, 12.357, 7.557) contains.

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Color

CIELCh(59, 12.340, 7.545)

Conversions

Conversions Part 1

Format	Color
Hex	A5878C
RGB	165, 135, 140
RGB Percent	65%, 53%, 55%
CMY	0.3548, 0.4724, 0.4528
CMYK	0.00, 0.18, 0.15, 0.35
HSL	350°, 14%, 59%
HSV	350°, 18%, 65%
XYZ	28.7171, 27.0277, 28.3362
YIQ	144.5400, 16.2750, 7.9150

Conversions

Conversions Part 2

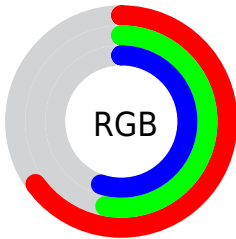
Format	Color
R _Y B	165, 135, 140
Decimal	10848140
CIE Lab	59.00, 12.23, 1.62
CIE LCh	59, 12.340, 7.545
Yxy	27.0277, 0.3415, 0.3214
Android (android.graphics.Color)	4289038220 (0xFFA5878C)
YUV	144.5400, -2.2382, 17.9434
Hunter-Lab	51.9882, 7.6200, 4.0757

Details

The CIELCh color `59, 12.340, 7.545` is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be `65, 11.400, 184.304`, and the grayscale version is `60, 0.008, 296.813`.

A 20% lighter version of the original color is `79, 12.331, 7.977`, and `39, 12.553, 7.324` is the 20% darker color. If you saturate the color by 10%, you get `54, 19.604, 8.798`, and if you desaturate by 10%, it is `64, 5.416, 6.476`.

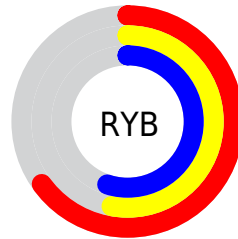
Distribution



Red (65%)

Green (53%)

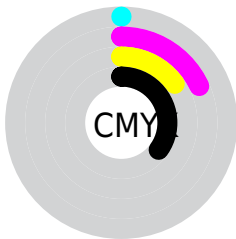
Blue (55%)



Red (65%)

Yellow (53%)

Blue (55%)

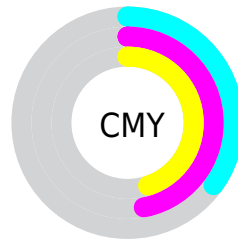


Cyan (0%)

Magenta (18%)

Yellow (15%)

Black (35%)



Cyan (35%)


Magenta (47%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 12.340, 7.545 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 59, 12.340, 7.545 by changing the saturation by 10% instead.

 59, 12.340, 7.545  59, 12.340, 7.545

 100, 12.340, 7.545  49, 12.340, 7.545

 79, 12.340, 7.545  39, 12.340, 7.545

 89, 12.340, 7.545  29, 12.340, 7.545

 99, 12.340, 7.545  19, 12.340, 7.545

 9, 12.340, 7.545

 0, 12.340, 7.545

 59, 12.340, 7.545  59, 12.340, 7.545

 54, 19.604, 8.798  64, 5.416, 6.476

 50, 27.138, 10.308  68, 1.135, 186.082

46, 34.799, 12.177

73, 7.314, 184.995

42, 42.378, 14.525

78, 13.139,
184.311

39, 49.605, 17.490

83, 18.637,
183.721

37, 56.218, 21.198

35, 62.052, 25.675

88, 23.838,
183.198

34, 67.193, 30.564

93, 28.773,
182.729

34, 68.116, 31.351

94, 28.796,
191.653

95, 28.215,
197.679

Harmonies

Complementary

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



59, 12.340, 7.545



65, 11.400, 184.304

Rectangle

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



59, 12.340, 7.545



59, 12.340, 57.545



59, 12.340, 187.545



59, 12.340, 237.545

Sweetspot

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



59, 12.338, 7.551



83, 4.048, 6.136



59, 19.451, 320.605



43, 2.762, 6.212



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



59, 12.338, 7.551



73, 18.671, 8.046



61, 9.894, 54.276



32, 3.713, 6.584



30, 61.850, 30.752



1, 5.610, 7.059

Inverse Universe

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



59, 12.338, 7.551



73, 18.671, 8.046



63, 9.005, 237.498



32, 3.713, 6.584



30, 61.850, 30.752



1, 5.610, 7.059

Previews

White Background



This preview shows how the CIELCh color 59, 12.340, 7.545 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 59, 12.340, 7.545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

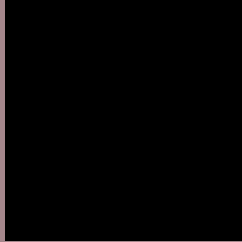
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 12.340, 7.545

Background



This preview shows how black text looks on a background with the CIELCh color 59, 12.340, 7.545.



This preview shows how white text looks on a background with the CIELCh color 59, 12.340, 7.545.

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

59, 12.340, 7.545

Protanopia

59, 1.642, 335.639

Deuteranopia

59, 8.064, 12.167



Tritanopia
59, 13.514, 356.241

Trichromacy



Original Color
59, 12.340, 7.545

Protanomaly
59, 5.031, 0.169

Deuteranomaly
59, 9.752, 10.426

Tritanomaly
59, 13.141, 0.784

Monochromacy



Original Color
59, 12.340, 7.545

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 3.982, 11.567

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 12.340, 7.545 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(165, 135, 140)` looks like.

```
.text, #text, p{  
    color:rgb(165, 135, 140)  
}
```

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(165, 135, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 135, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 12.340, 7.545 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(165, 135, 140) }
```

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

```
.border{ border-color:rgb(165, 135, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 135, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 135, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 135, 140);  
box-shadow:4px 4px 4px 4px rgb(165, 135,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 12.340, 7.545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 135, 140) }
```

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

```
.background{ background-color: rgb(165,  
135, 140) }
```

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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