

Converting Colors

CIELCh(60, 17.279, 315.517)

Have a look what the booklet for
CIELCh(60, 17.279, 315.517)
contains.

CIELCh(60, 17.417, 315.743)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(60, 17.417, 315.743)

Conversions

Conversions Part 1

Format	Color
Hex	9D8AA6
RGB	157, 138, 166
RGB Percent	62%, 54%, 65%
CMY	0.3841, 0.4586, 0.3488
CMYK	0.05, 0.17, 0.00, 0.35
HSL	281°, 14%, 60%
HSV	281°, 17%, 65%
XYZ	29.9018, 28.1233, 39.9579
YIQ	146.8730, 2.3360, 12.7360

Conversions

Conversions Part 2

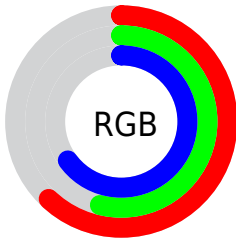
Format	Color
RYB	157, 138, 166
Decimal	10324646
CIELab	60.00, 12.47, -12.15
CIELCh	60, 17.417, 315.743
Yxy	28.1233, 0.3052, 0.2870
Android (android.graphics.Color)	4288514726 (0xFF9D8AA6)
YUV	146.8730, 9.4296, 8.8814
Hunter-Lab	53.0314, 7.8423, -7.5516

Details

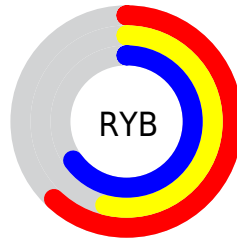
The CIELCh color $60, 17.417, 315.743$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $66, 17.179, 134.327$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 17.733, 316.296$, and $40, 17.450, 316.406$ is the 20% darker color. If you saturate the color by 10%, you get $55, 27.980, 316.178$, and if you desaturate by 10%, it is $65, 7.014, 315.308$.

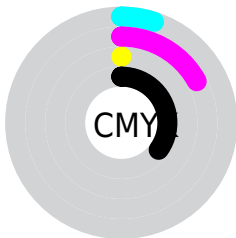
Distribution



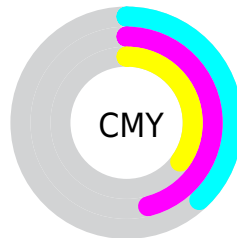
- Red (62%)
- Green (54%)
- Blue (65%)



- Red (62%)
- Yellow (54%)
- Blue (65%)



- Cyan (5%)
- Magenta (17%)
- Yellow (0%)
- Black (35%)





- Cyan (38%)
- Magenta (46%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 17.417, 315.743 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 60, 17.417, 315.743 by changing the saturation by 10% instead.


 60, 17.417,
315.743


 60, 17.417,
315.743


 100, 17.417,
315.743

 50, 17.417,
315.743


 80, 17.417,
315.743

 40, 17.417,
315.743


 90, 17.417,
315.743


 30, 17.417,
315.743

 20, 17.417,
315.743

 10, 17.417,
315.743

 0, 17.417, 315.743

 60, 17.417,

 60, 17.417,

315.743

55, 27.980,
316.178

51, 38.593,
316.606

46, 49.067,
317.004

42, 59.118,
317.336

38, 68.344,
317.556

35, 76.233,
317.602

32, 82.244,
317.407

31, 86.099,
316.931

315.743

65, 7.014, 315.308

70, 3.157, 134.978

75, 13.064,
134.568

79, 22.690,
134.220

84, 32.035,
133.905

89, 41.104,
133.621

94, 49.907,
133.367

95, 49.426,
131.542

■ 30, 87.169,
316.774

■ 95, 48.595,
129.548

Harmonies

Complementary

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



60, 17.417, 315.743



66, 17.179, 134.327

Rectangle

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



60, 17.417, 315.743



60, 17.417, 5.743



60, 17.417, 135.743



60, 17.417, 185.743

Sweetspot

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



60, 17.415, 315.742



84, 6.338, 315.228



61, 10.957, 273.433



44, 4.361, 315.259



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



60, 17.415, 315.742



75, 25.742, 315.895



61, 16.952, 330.388



33, 5.864, 315.415



26, 80.016, 316.867



1, 10.395, 312.555

Inverse Universe

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



60, 12.144, 356.104



75, 18.000, 356.502



65, 16.903, 148.292



33, 4.064, 355.293



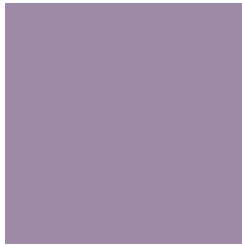
31, 57.584, 18.060



2, 7.117, 357.595

Previews

White Background



This preview shows how the CIELCh color 60, 17.417, 315.743 looks on a white background.

Color Contrast Check

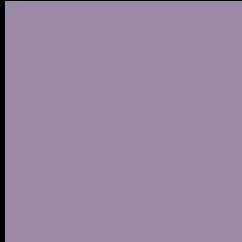
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 60, 17.417, 315.743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

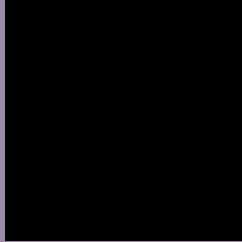
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 17.417, 315.743

Background



This preview shows how black text looks on a background with the CIELCh color 60, 17.417, 315.743.



This preview shows how white text looks on a background with the CIELCh color 60, 17.417, 315.743.

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

60, 17.417, 315.743

Protanopia

60, 15.278, 287.863

Deuteranopia

60, 13.944, 303.872



Tritanopia
60, 8.265, 331.556

Trichromacy



Original Color
60, 17.417, 315.743

Protanomaly
60, 15.987, 298.441

Deuteranomaly
60, 14.890, 309.058

Tritanomaly
60, 11.425, 323.379

Monochromacy



Original Color
60, 17.417, 315.743

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 6.274, 315.973

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 17.417, 315.743 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(157, 138, 166)` looks like.

```
.text, #text, p{  
    color:rgb(157, 138, 166)  
}
```

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(157, 138, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 138, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 17.417, 315.743 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(157, 138, 166) }
```

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

```
.border{ border-color:rgb(157, 138, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 138, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 138, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 138, 166);  
box-shadow:4px 4px 4px 4px rgb(157, 138,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 17.417, 315.743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 138, 166) }
```

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

```
.background{ background-color: rgb(157,  
138, 166) }
```

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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