

Converting Colors

CIELCh(61, 4.292, 347.059)

Have a look what the booklet for
CIELCh(61, 4.292, 347.059) contains.

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Color

CIELCh(61, 4.176, 347.166)

Conversions

Conversions Part 1

Format	Color
Hex	9A9195
RGB	154, 145, 149
RGB Percent	60%, 57%, 58%
CMY	0.3965, 0.4317, 0.4161
CMYK	0.00, 0.06, 0.03, 0.40
HSL	333°, 4%, 59%
HSV	333°, 6%, 60%
XYZ	28.8352, 29.2481, 32.5185
YIQ	148.1470, 4.0800, 3.1520

Conversions

Conversions Part 2

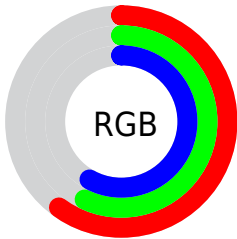
Format	Color
RYB	154, 145, 149
Decimal	10129813
CIELab	61.00, 4.07, -0.93
CIELCh	61, 4.176, 347.166
Yxy	29.2481, 0.3183, 0.3228
Android (android.graphics.Color)	4288319893 (0xFF9A9195)
YUV	148.1470, 0.4205, 5.1331
Hunter-Lab	54.0815, 0.5299, 2.2068

Details

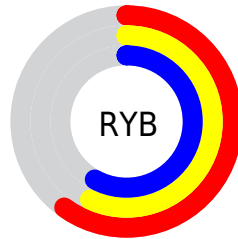
The CIELCh color $61, 4.176, 347.166$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 4.128, 166.362$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 3.942, 347.017$, and $41, 3.831, 351.570$ is the 20% darker color. If you saturate the color by 10%, you get $57, 11.465, 348.143$, and if you desaturate by 10%, it is $65, 2.910, 166.558$.

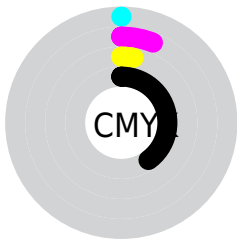
Distribution



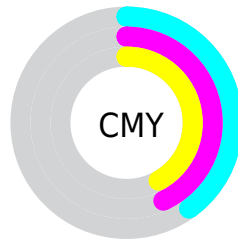
- Red (60%)
- Green (57%)
- Blue (58%)



- Red (60%)
- Yellow (57%)
- Blue (58%)



- Cyan (0%)
- Magenta (6%)
- Yellow (3%)
- Black (40%)



- Cyan (40%)
- Magenta (43%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 4.176, 347.166 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 61, 4.176, 347.166 by changing the saturation by 10% instead.

■ 61, 4.176, 347.166

■ 61, 4.176, 347.166

■ 100, 4.176,
347.166

■ 51, 4.176, 347.166

■ 81, 4.176, 347.166

■ 41, 4.176, 347.166

■ 91, 4.176, 347.166

■ 31, 4.176, 347.166

■ 21, 4.176, 347.166

■ 11, 4.176, 347.166

■ 1, 4.176, 347.166

■ 0, 4.176, 347.166

■ 61, 4.176, 347.166

■ 61, 4.176, 347.166

■ 57, 11.465,

■ 65, 2.910, 166.558

348.143

70, 9.754, 165.728

52, 18.893,
349.183

74, 16.347,
165.031

48, 26.338,
350.365

79, 22.692,
164.397

45, 33.614,
351.739

83, 28.800,
163.814

41, 40.456,
353.375

88, 34.685,
163.275

38, 46.526,
355.372

92, 40.365,
162.774

36, 51.465,
357.861

93, 38.879,
166.976

34, 54.994, 1.000

93, 36.374,
172.674

33, 57.108, 4.915

Harmonies

Complementary

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



61, 4.176, 347.166



63, 4.128, 166.362

Rectangle

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



61, 4.176, 347.166



61, 4.176, 37.166



61, 4.176, 167.166



61, 4.176, 217.166

Sweetspot

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



61, 4.174, 347.175



79, 1.754, 346.695



61, 5.438, 311.017



42, 0.995, 346.668



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



61, 4.174, 347.175



76, 6.171, 347.303



61, 3.359, 23.903



31, 3.220, 347.326



29, 54.110, 6.183



1, 4.286, 347.198

Inverse Universe

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



61, 4.174, 347.175



76, 6.171, 347.303



63, 3.240, 203.711



31, 3.220, 347.326



29, 54.110, 6.183



1, 4.286, 347.198

Previews

White Background



This preview shows how the CIELCh color 61, 4.176, 347.166 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 61, 4.176, 347.166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

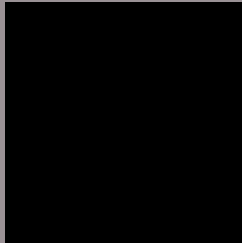
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 4.176, 347.166

Background



This preview shows how black text looks on a background with the CIELCh color 61, 4.176, 347.166.



This preview shows how white text looks on a background with the CIELCh color 61, 4.176, 347.166.

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


61, 4.176, 347.166

Protanopia

61, 2.550, 317.343

Deuteranopia

61, 7.465, 353.324



Tritanopia
61, 7.529, 324.793

Trichromacy



Original Color

61, 4.176, 347.166

Protanomaly

61, 2.986, 330.643

Deuteranomaly

61, 6.157, 352.867

Tritanomaly

61, 6.637, 330.286

Monochromacy



Original Color

61, 4.176, 347.166

Achromatopsia

61, 0.008, 296.813

Achromatomaly

61, 1.300, 353.579

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 4.176, 347.166 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, 145, 149)` looks like.

```
.text, #text, p{  
    color:rgb(154, 145, 149)  
}
```

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, 145, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 145, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 4.176, 347.166 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, 145, 149) }
```

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

```
.border{ border-color:rgb(154, 145, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 145, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 145, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 145, 149);  
box-shadow:4px 4px 4px 4px rgb(154, 145,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 4.176, 347.166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 145, 149) }
```

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

```
.background{ background-color: rgb(154,  
145, 149) }
```

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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