

Converting Colors

CIELCh(61, 4.316, 163.245)

Have a look what the booklet for
CIELCh(61, 4.316, 163.245) contains.

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Color

CIELCh(61, 4.155, 166.335)

Conversions

Conversions Part 1

Format	Color
Hex	8C9591
RGB	140, 149, 145
RGB Percent	55%, 58%, 57%
CMY	0.4498, 0.4145, 0.4302
CMYK	0.06, 0.00, 0.03, 0.41
HSL	153°, 4%, 57%
HSV	153°, 6%, 59%
XYZ	26.7973, 29.2481, 31.1451
YIQ	145.8530, -4.0800, -3.1520

Conversions

Conversions Part 2

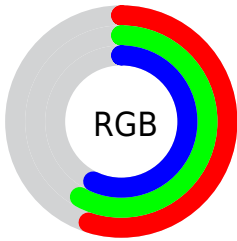
Format	Color
R_{YB}	140, 146, 149
Decimal	9213329
CIE _{Lab}	61.00, -4.04, 0.98
CIE _{LCh}	61, 4.155, 166.335
Yxy	29.2481, 0.3073, 0.3355
Android (android.graphics.Color)	4287403409 (0xFF8C9591)
YUV	145.8530, -0.4205, -5.1331
Hunter-Lab	54.0815, -6.1964, 3.7125

Details

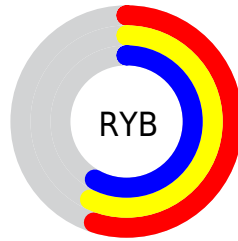
The CIELCh color $61, 4.155, 166.335$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 4.204, 347.173$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 3.922, 166.490$, and $41, 3.800, 170.364$ is the 20% darker color. If you saturate the color by 10%, you get $60, 11.037, 165.380$, and if you desaturate by 10%, it is $62, 2.739, 346.938$.

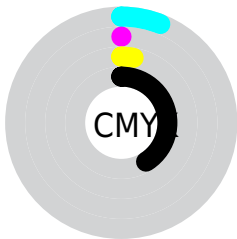
Distribution



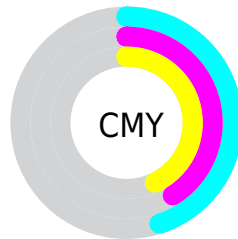
- Red (55%)
- Green (58%)
- Blue (57%)



- Red (55%)
- Yellow (57%)
- Blue (58%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (41%)



- Cyan (45%)
- Magenta (41%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 4.155, 166.335 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, 4.155, 166.335 by changing the saturation by 10% instead.

■ 61, 4.155, 166.335

■ 61, 4.155, 166.335

■ 100, 4.155,
166.335

■ 51, 4.155, 166.335

■ 81, 4.155, 166.335

■ 41, 4.155, 166.335

■ 91, 4.155, 166.335

■ 31, 4.155, 166.335

■ 21, 4.155, 166.335

■ 11, 4.155, 166.335

■ 1, 4.155, 166.335

■ 0, 4.155, 166.335

■ 61, 4.155, 166.335

■ 61, 4.155, 166.335

■ 60, 11.037,

■ 62, 2.739, 346.938

165.380

64, 9.585, 347.784

59, 17.822,
164.383

65, 16.334,
348.501

58, 24.418,
163.286

67, 22.952,
349.164

57, 30.717,
162.062

69, 29.416,
349.785

56, 36.608,
160.688

71, 35.711,
350.370

55, 41.988,
159.142

73, 41.831,
350.923

55, 46.777,
157.402

74, 46.368,
350.029

55, 50.933,
155.459

74, 47.990,
346.275

54, 54.492,
153.338

Harmonies

Complementary

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



61, 4.155, 166.335



59, 4.204, 347.173

Rectangle

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



61, 4.155, 166.335



61, 4.155, 216.335



61, 4.155, 346.335



61, 4.155, 36.335

Sweetspot

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



61, 4.157, 166.326



78, 1.700, 166.824



61, 5.425, 130.568



41, 0.964, 166.851



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



61, 4.157, 166.326



77, 5.968, 166.218



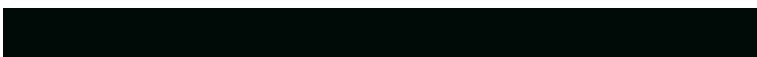
61, 3.260, 203.701



31, 3.091, 166.197



50, 52.459, 152.709



2, 3.388, 166.755

Inverse Universe

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



59, 4.204, 347.173



75, 6.043, 347.282



59, 3.383, 23.915



30, 3.131, 347.303



29, 53.394, 6.064



1, 3.389, 346.744

Previews

White Background



This preview shows how the CIELCh color 61, 4.155, 166.335 looks on a white background.

Color Contrast Check

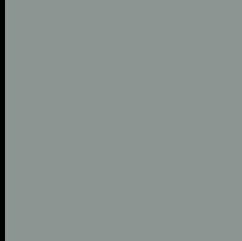
Large Text (above 18pt) WCAG AA ✓ Pass

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, 4.155, 166.335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

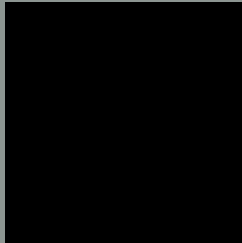
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 4.155, 166.335

Background



This preview shows how black text looks on a background with the CIELCh color 61, 4.155, 166.335.



This preview shows how white text looks on a background with the CIELCh color 61, 4.155, 166.335.

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

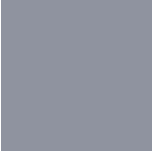
61, 4.155, 166.335

Protanopia

61, 1.914, 55.184

Deuteranopia

61, 7.987, 359.633



Tritanopia
61, 6.892, 278.480

Trichromacy



Original Color
61, 4.155, 166.335

Protanomaly
61, 1.728, 122.971

Deuteranomaly
61, 3.181, 9.422

Tritanomaly
61, 4.029, 256.467

Monochromacy



Original Color
61, 4.155, 166.335

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 1.291, 173.800

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 4.155, 166.335 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(140, 149, 145)` looks like.

```
.text, #text, p{  
    color:rgb(140, 149, 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(140, 149, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 149, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 4.155, 166.335 is called "border". The border property can be set on classes, ids or directly on the HTML element.

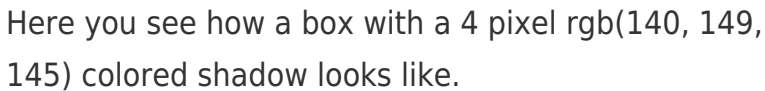
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(140, 149, 145) }
```

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

```
.border{ border-color:rgb(140, 149, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(140, 149, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 149, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 149, 145);  
box-shadow:4px 4px 4px 4px rgb(140, 149,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 4.155, 166.335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 149, 145) }
```

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

```
.background{ background-color: rgb(140,  
149, 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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