

Converting Colors

CIELCh(61, 5.361, 310.032)

Have a look what the booklet for
CIELCh(61, 5.361, 310.032) contains.

CIELCh(61, 5.446, 311.205)	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(61, 5.446, 311.205)

Conversions

Conversions Part 1

Format	Color
Hex	96919A
RGB	150, 145, 154
RGB Percent	59%, 57%, 60%
CMY	0.4101, 0.4297, 0.3944
CMYK	0.03, 0.06, 0.00, 0.39
HSL	273°, 4%, 59%
HSV	273°, 6%, 61%
XYZ	28.7107, 29.2481, 34.8868
YIQ	147.5210, 0.0910, 3.8590

Conversions

Conversions Part 2

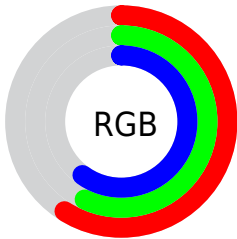
Format	Color
R_{YB}	150, 145, 154
Decimal	9867674
CIE _{Lab}	61.00, 3.59, -4.10
CIE _{LCh}	61, 5.446, 311.205
Yxy	29.2481, 0.3092, 0.3150
Android (android.graphics.Color)	4288057754 (0xFF96919A)
YUV	147.5210, 3.1941, 2.1741
Hunter-Lab	54.0815, 0.1191, -0.3896

Details

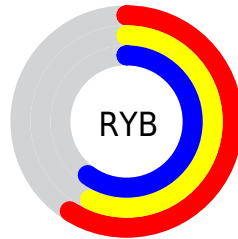
The CIELCh color $61, 5.446, 311.205$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 5.395, 130.763$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 5.143, 311.139$, and $41, 5.153, 309.377$ is the 20% darker color. If you saturate the color by 10%, you get $56, 14.970, 311.652$, and if you desaturate by 10%, it is $66, 3.827, 130.848$.

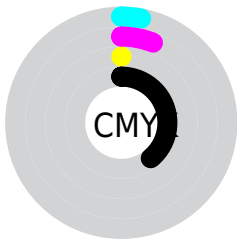
Distribution



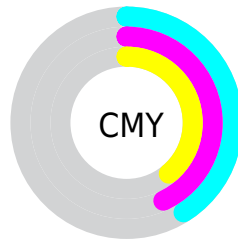
- Red (59%)
- Green (57%)
- Blue (60%)



- Red (59%)
- Yellow (57%)
- Blue (60%)



- Cyan (3%)
- Magenta (6%)
- Yellow (0%)
- Black (39%)



- Cyan (41%)
- Magenta (43%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 5.446, 311.205 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, 5.446, 311.205 by changing the saturation by 10% instead.

■ 61, 5.446, 311.205

■ 61, 5.446, 311.205

■ 100, 5.446,
311.205

■ 51, 5.446, 311.205

■ 81, 5.446, 311.205

■ 41, 5.446, 311.205

■ 91, 5.446, 311.205

■ 31, 5.446, 311.205

■ 21, 5.446, 311.205

■ 11, 5.446, 311.205

■ 1, 5.446, 311.205

■ 0, 5.446, 311.205

■ 61, 5.446, 311.205

■ 61, 5.446, 311.205

■ 56, 14.970,

■ 66, 3.827, 130.848

311.652

70, 12.831,
130.462

52, 24.714,
312.120

75, 21.565,
130.130

47, 34.608,
312.602

80, 30.036,
129.837

43, 44.527,
313.078

85, 38.253,
129.578

38, 54.258,
313.513

89, 46.229,
129.351

34, 63.473,
313.857

94, 53.975,
129.153

31, 71.699,
314.036

95, 53.808,
126.977

28, 78.348,
313.962

95, 52.896,
124.461

26, 82.949,
313.560

Harmonies

Complementary

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



61, 5.446, 311.205



63, 5.395, 130.763

Rectangle

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



61, 5.446, 311.205



61, 5.446, 1.205



61, 5.446, 131.205



61, 5.446, 181.205

Sweetspot

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



61, 5.444, 311.201



80, 2.314, 311.005



62, 3.154, 261.454



43, 1.326, 310.997



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



61, 5.444, 311.201



77, 8.132, 311.260



61, 5.955, 326.089



30, 4.199, 311.271



22, 78.864, 313.481



1, 5.611, 310.661

Inverse Universe

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



61, 4.174, 347.158



77, 6.236, 347.287



63, 5.940, 145.515



31, 3.220, 347.310



29, 54.110, 6.157



1, 4.286, 347.182

Previews

White Background



This preview shows how the CIELCh color 61, 5.446, 311.205 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, 5.446, 311.205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

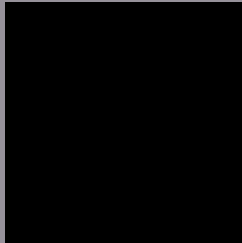
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

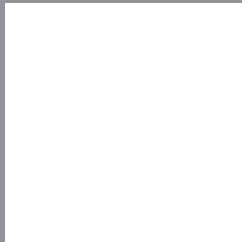
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 5.446, 311.205

Background



This preview shows how black text looks on a background with the CIELCh color 61, 5.446, 311.205.



This preview shows how white text looks on a background with the CIELCh color 61, 5.446, 311.205.

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, 5.446, 311.205

Protanopia

61, 5.141, 299.222

Deuteranopia

61, 8.917, 331.076



Tritanopia
61, 7.166, 309.386

Trichromacy



Original Color
61, 5.446, 311.205

Protanomaly
61, 5.215, 303.349

Deuteranomaly
61, 7.529, 324.793

Tritanomaly
61, 6.636, 310.918

Monochromacy



Original Color
61, 5.446, 311.205

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 1.870, 314.676

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 5.446, 311.205 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(150, 145, 154)` looks like.

```
.text, #text, p{  
    color:rgb(150, 145, 154)  
}
```

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(150, 145, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 145, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 5.446, 311.205 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(150, 145, 154) }
```

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

```
.border{ border-color:rgb(150, 145, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 145, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 145, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 145, 154);  
box-shadow:4px 4px 4px 4px rgb(150, 145,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 5.446, 311.205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 145, 154) }
```

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

```
.background{ background-color: rgb(150,  
145, 154) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor