

Converting Colors

CIELCh(61, 1.356, 74.886)

Have a look what the booklet for
CIELCh(61, 1.356, 74.886) contains.

CIELCh(61, 1.354, 74.887)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(61, 1.354, 74.887)

Conversions

Conversions Part 1

Format	Color
Hex	959391
RGB	149, 147, 145
RGB Percent	58%, 58%, 57%
CMY	0.4162, 0.4240, 0.4318
CMYK	0.00, 0.01, 0.03, 0.42
HSL	30°, 2%, 58%
HSV	30°, 3%, 58%
XYZ	27.8883, 29.2481, 30.9148
YIQ	147.3700, 1.8340, -0.1980

Conversions

Conversions Part 2

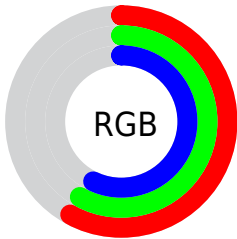
Format	Color
R_{YB}	149, 149, 145
Decimal	9802641
CIE Lab	61.00, 0.35, 1.31
CIE LCh	61, 1.354, 74.887
Yxy	29.2481, 0.3167, 0.3322
Android (android.graphics.Color)	4287992721 (0xFF959391)
YUV	147.3700, -1.1684, 1.4295
Hunter-Lab	54.0815, -2.5955, 3.9650

Details

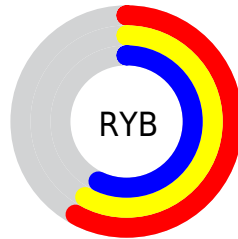
The CIELCh color **61, 1.354, 74.887** is a light color, and the websafe version is hex **999999**. A complement of this color would be **61, 1.357, 256.029**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 1.275, 74.892**, and **41, 1.272, 90.663** is the 20% darker color. If you saturate the color by 10%, you get **59, 6.562, 73.940**, and if you desaturate by 10%, it is **63, 3.635, 256.425**.

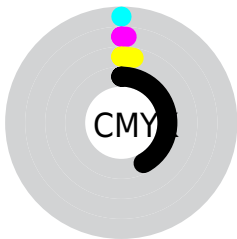
Distribution



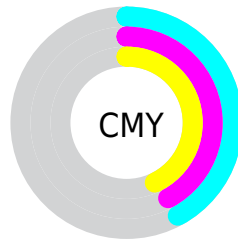
- Red (58%)
- Green (58%)
- Blue (57%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (42%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 1.354, 74.887 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, 1.354, 74.887 by changing the saturation by 10% instead.

■ 61, 1.354, 74.887

■ 61, 1.354, 74.887

100, 1.354, 74.887

■ 51, 1.354, 74.887

■ 81, 1.354, 74.887

■ 41, 1.354, 74.887

■ 91, 1.354, 74.887

■ 31, 1.354, 74.887

■ 21, 1.354, 74.887

■ 11, 1.354, 74.887

■ 1, 1.354, 74.887

■ 0, 1.354, 74.887

■ 61, 1.354, 74.887

■ 61, 1.354, 74.887

■ 59, 6.562, 73.940

■ 63, 3.635, 256.425

56, 12.008, 72.748

66, 8.429, 257.511

54, 17.706, 71.528

68, 13.047,
258.594

52, 23.659, 70.296

71, 17.509,
259.643

49, 29.844, 69.049

47, 36.186, 67.770

73, 21.834,
260.651

45, 42.517, 66.406

76, 26.036,
261.616

43, 48.494, 64.839

41, 53.513, 62.831

78, 30.129,
262.538

81, 30.300,
257.973

83, 28.469,
248.962

Harmonies

Complementary

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



61, 1.354, 74.887



61, 1.357, 256.029

Rectangle

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



61, 1.354, 74.887



61, 1.354, 124.887



61, 1.354, 254.887



61, 1.354, 304.887

Sweetspot

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



61, 1.355, 74.960



78, 0.619, 74.794



61, 1.931, 343.695



41, 0.350, 74.762



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, 1.355, 74.960



77, 1.879, 74.943



62, 2.234, 109.906



31, 1.137, 74.902



37, 53.644, 61.626



2, 2.481, 75.487

Inverse Universe

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



61, 1.357, 256.029



77, 1.879, 256.048



60, 2.261, 290.455



31, 1.134, 256.093



30, 44.665, 282.956



1, 2.482, 255.500

Previews

White Background



This preview shows how the CIELCh color 61, 1.354, 74.887 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, 1.354, 74.887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

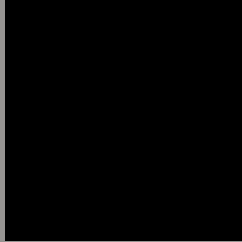
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

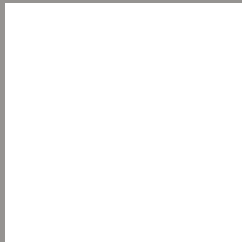
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 1.354, 74.887

Background



This preview shows how black text looks on a background with the CIELCh color 61, 1.354, 74.887.



This preview shows how white text looks on a background with the CIELCh color 61, 1.354, 74.887.

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, 1.354, 74.887

Protanopia

61, 1.652, 39.145

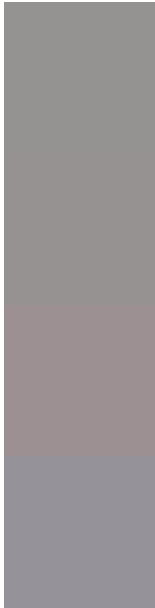
Deuteranopia

61, 8.206, 4.356



Tritanopia
61, 7.166, 309.386

Trichromacy



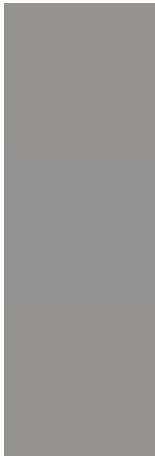
Original Color
61, 1.354, 74.887

Protanomaly
61, 1.652, 39.145

Deuteranomaly
61, 5.231, 7.473

Tritanomaly
61, 4.251, 311.683

Monochromacy



Original Color
61, 1.354, 74.887

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 0.673, 74.825

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 1.354, 74.887 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(149, 147, 145)` looks like.

```
.text, #text, p{  
    color:rgb(149, 147, 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(149, 147, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 147, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 1.354, 74.887 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(149, 147, 145) }
```

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

```
.border{ border-color:rgb(149, 147, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 147, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 147, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 147, 145);  
box-shadow:4px 4px 4px 4px rgb(149, 147,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 1.354, 74.887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 147, 145) }
```

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

```
.background{ background-color: rgb(149,  
147, 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](#).

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