

Converting Colors

CIELCh(61, 1.969, 144.441)

Have a look what the booklet for
CIELCh(61, 1.969, 144.441) contains.

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Color

CIELCh(61, 2.054, 144.433)

Conversions

Conversions Part 1

Format	Color
Hex	919491
RGB	145, 148, 145
RGB Percent	57%, 58%, 57%
CMY	0.4313, 0.4196, 0.4313
CMYK	0.02, 0.00, 0.02, 0.42
HSL	120°, 1%, 57%
HSV	120°, 2%, 58%
XYZ	27.3818, 29.2481, 30.9942
YIQ	146.7610, -0.8250, -1.5690

Conversions

Conversions Part 2

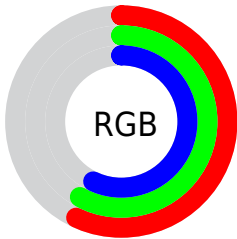
Format	Color
R_{YB}	145, 148, 148
Decimal	9540753
CIE Lab	61.00, -1.67, 1.19
CIE LCh	61, 2.054, 144.433
Yxy	29.2481, 0.3125, 0.3338
Android (android.graphics.Color)	4287730833 (0xFF919491)
YUV	146.7610, -0.8682, -1.5444
Hunter-Lab	54.0815, -4.2673, 3.8779

Details

The CIELCh color $61, 2.054, 144.433$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $61, 2.069, 324.451$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 1.936, 144.494$, and $41, 1.477, 144.439$ is the 20% darker color. If you saturate the color by 10%, you get $59, 12.307, 143.757$, and if you desaturate by 10%, it is $63, 8.032, 324.811$.

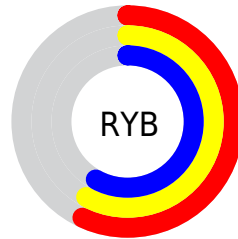
Distribution



Red (57%)

Green (58%)

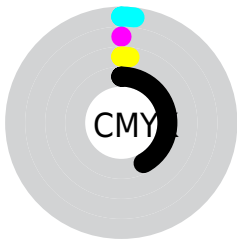
Blue (57%)



Red (57%)

Yellow (58%)

Blue (58%)

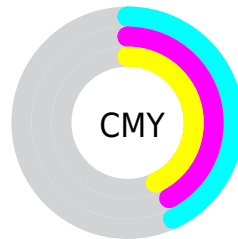


Cyan (2%)

Magenta (0%)

Yellow (2%)

Black (42%)



Cyan (43%)

Magenta (42%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 2.054, 144.433 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, 2.054, 144.433 by changing the saturation by 10% instead.

■ 61, 2.054, 144.433

■ 61, 2.054, 144.433

■ 100, 2.054,
144.433

■ 51, 2.054, 144.433

■ 81, 2.054, 144.433

■ 41, 2.054, 144.433

■ 91, 2.054, 144.433

■ 31, 2.054, 144.433

■ 21, 2.054, 144.433

■ 11, 2.054, 144.433

■ 1, 2.054, 144.433

■ 0, 2.054, 144.433

■ 61, 2.054, 144.433

■ 61, 2.054, 144.433

■ 59, 12.307,

■ 63, 8.032, 324.811

143.757

64, 17.885,
325.253

58, 22.618,
143.053

66, 27.458,
325.619

57, 32.842,
142.241

68, 36.730,
325.930

56, 42.783,
141.312

70, 45.689,
326.194

55, 52.193,
140.279

73, 54.338,
326.421

54, 60.765,
139.178

75, 62.686,
326.615

54, 68.136,
138.085

76, 66.195,
326.690

53, 73.910,
137.120

53, 77.749,
136.419

Harmonies

Complementary

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



61, 2.054, 144.433



61, 2.069, 324.451

Rectangle

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



61, 2.054, 144.433



61, 2.054, 194.433



61, 2.054, 324.433



61, 2.054, 14.433

Sweetspot

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



61, 2.056, 144.434



77, 1.244, 144.589



61, 1.678, 109.959



41, 0.712, 144.605



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, 2.056, 144.434



77, 2.498, 144.433



61, 1.438, 163.716



31, 1.143, 144.454



50, 75.751, 136.016



2, 5.022, 144.444

Inverse Universe

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



61, 2.069, 324.451



76, 2.514, 324.452



60, 1.452, 343.588



31, 1.152, 324.431



32, 73.086, 328.234



1, 5.023, 324.439

Previews

White Background



This preview shows how the CIELCh color 61, 2.054, 144.433 looks on a white background.

Color Contrast Check

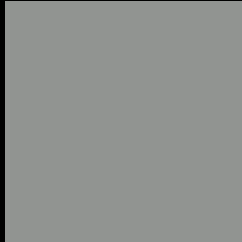
Large Text (above 18pt) WCAG AA ✓ Pass

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, 2.054, 144.433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

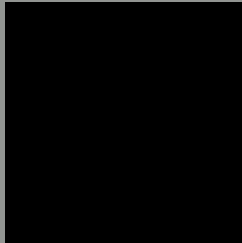
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

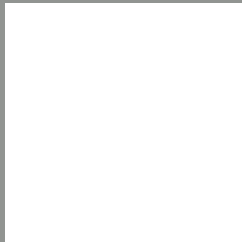
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 2.054, 144.433

Background



This preview shows how black text looks on a background with the CIELCh color 61, 2.054, 144.433.



This preview shows how white text looks on a background with the CIELCh color 61, 2.054, 144.433.

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, 2.054, 144.433

Protanopia

61, 1.914, 55.184

Deuteranopia

61, 8.206, 4.356



Tritanopia
61, 6.780, 294.107

Trichromacy



Original Color
61, 2.054, 144.433

Protanomaly
61, 1.719, 96.839

Deuteranomaly
61, 4.844, 6.415

Tritanomaly
61, 3.397, 284.152

Monochromacy



Original Color
61, 2.054, 144.433

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 0.680, 144.707

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 2.054, 144.433 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(145, 148, 145)` looks like.

```
.text, #text, p{  
    color:rgb(145, 148, 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(145, 148, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 148, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 2.054, 144.433 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(145, 148, 145) }
```

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

```
.border{ border-color:rgb(145, 148, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 148, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 148, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 148, 145);  
box-shadow:4px 4px 4px 4px rgb(145, 148,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 2.054, 144.433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 148, 145) }
```

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

```
.background{ background-color: rgb(145,  
148, 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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