

Converting Colors

CIELCh(61, 2.030, 256.047)

Have a look what the booklet for
CIELCh(61, 2.030, 256.047) contains.

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Color

CIELCh(61, 2.027, 256.045)

Conversions

Conversions Part 1

Format	Color
Hex	919497
RGB	145, 148, 151
RGB Percent	57%, 58%, 59%
CMY	0.4330, 0.4213, 0.4095
CMYK	0.04, 0.02, 0.00, 0.41
HSL	210°, 3%, 58%
HSV	210°, 4%, 59%
XYZ	27.6768, 29.2481, 33.2830
YIQ	147.4450, -2.7510, 0.2970

Conversions

Conversions Part 2

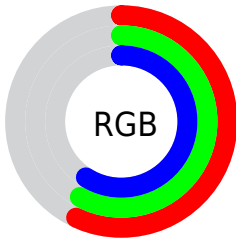
Format	Color
R_{YB}	145, 147, 151
Decimal	9540759
CIE _{Lab}	61.00, -0.49, -1.97
CIE _{LCh}	61, 2.027, 256.045
Yxy	29.2481, 0.3068, 0.3242
Android (android.graphics.Color)	4287730839 (0xFF919497)
YUV	147.4450, 1.7526, -2.1443
Hunter-Lab	54.0815, -3.2934, 1.3687

Details

The CIELCh color **61, 2.027, 256.045** is a light color, and the websafe version is hex **999999**. A complement of this color would be **61, 2.035, 74.759**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 1.918, 255.972**, and **41, 1.986, 266.107** is the 20% darker color. If you saturate the color by 10%, you get **58, 7.072, 257.253**, and if you desaturate by 10%, it is **64, 3.056, 74.600**.

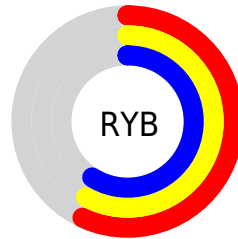
Distribution



Red (57%)

Green (58%)

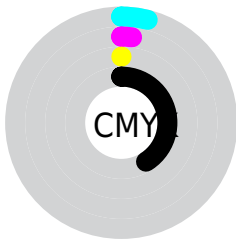
Blue (59%)



Red (57%)

Yellow (58%)

Blue (59%)

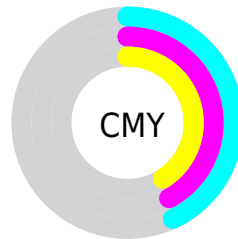


Cyan (4%)

Magenta (2%)

Yellow (0%)

Black (41%)



Cyan (43%)

Magenta (42%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 2.027, 256.045 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, 2.027, 256.045 by changing the saturation by 10% instead.

■ 61, 2.027, 256.045

■ 61, 2.027, 256.045

■ 100, 2.027,
256.045

■ 51, 2.027, 256.045

■ 81, 2.027, 256.045

■ 41, 2.027, 256.045

■ 91, 2.027, 256.045

■ 31, 2.027, 256.045

■ 21, 2.027, 256.045

■ 11, 2.027, 256.045

■ 1, 2.027, 256.045

■ 0, 2.027, 256.045

■ 61, 2.027, 256.045

■ 61, 2.027, 256.045

■ 58, 7.072, 257.253

■ 64, 3.056, 74.600

■ 55, 12.061,
258.838

■ 68, 8.156, 73.671

■ 51, 16.975,
260.730

■ 71, 13.260, 72.831

■ 74, 18.354, 72.095

■ 48, 21.800,
262.978

■ 77, 23.427, 71.448

■ 45, 26.529,
265.637

■ 81, 28.470, 70.876

■ 84, 33.476, 70.368

■ 42, 31.172,
268.752

■ 86, 35.882, 74.985

■ 39, 35.763,
272.342

■ 88, 37.452, 81.685

■ 37, 40.359,
276.371

■ 34, 45.034,
280.726

Harmonies

Complementary

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



61, 2.027, 256.045



61, 2.035, 74.759

Rectangle

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



61, 2.027, 256.045



61, 2.027, 306.045



61, 2.027, 76.045



61, 2.027, 126.045

Sweetspot

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



61, 2.026, 256.000



79, 0.638, 256.061



62, 2.904, 162.564



42, 0.366, 256.090



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, 2.026, 256.000



77, 3.156, 256.109



60, 3.332, 289.913



31, 1.746, 256.157



30, 45.242, 282.931



2, 3.172, 256.285

Inverse Universe

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



61, 2.894, 343.831



77, 4.516, 343.947



62, 3.291, 109.118



31, 2.501, 343.990



30, 54.426, 0.924



1, 4.449, 344.078

Previews

White Background



This preview shows how the CIELCh color 61, 2.027, 256.045 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, 2.027, 256.045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

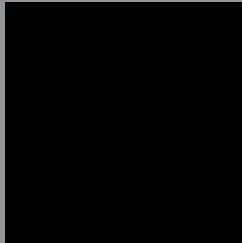
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

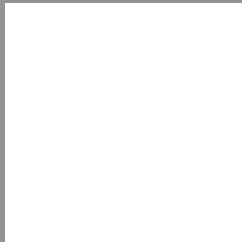
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 2.027, 256.045

Background



This preview shows how black text looks on a background with the CIELCh color 61, 2.027, 256.045.



This preview shows how white text looks on a background with the CIELCh color 61, 2.027, 256.045.

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, 2.027, 256.045

Protanopia

61, 2.550, 317.343

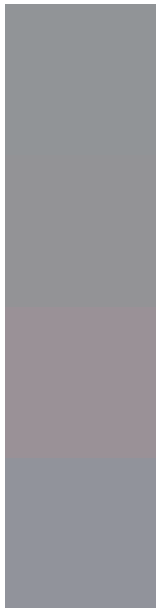
Deuteranopia

61, 8.031, 341.166



Tritanopia
61, 6.764, 290.938

Trichromacy



Original Color

61, 2.027, 256.045

Protanomaly

61, 1.694, 290.397

Deuteranomaly

61, 4.873, 336.005

Tritanomaly

61, 4.557, 281.166

Monochromacy



Original Color

61, 2.027, 256.045

Achromatopsia

61, 0.008, 296.813

Achromatomaly

61, 0.683, 256.008

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 2.027, 256.045 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, 151)` looks like.

```
.text, #text, p{  
    color:rgb(145, 148, 151)  
}
```

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, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 148, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 2.027, 256.045 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, 151) }
```

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

```
.border{ border-color:rgb(145, 148, 151) }
```

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, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 148, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 148, 151);  
box-shadow:4px 4px 4px 4px rgb(145, 148,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 2.027, 256.045 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, 151) }
```

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

```
.background{ background-color: rgb(145,  
148, 151) }
```

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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