

Converting Colors

CIELCh(61, 5.013, 147.671)

Have a look what the booklet for
CIELCh(61, 5.013, 147.671) contains.

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Color

CIELCh(61, 5.040, 147.776)

Conversions

Conversions Part 1

Format	Color
Hex	8D958E
RGB	141, 149, 142
RGB Percent	55%, 58%, 56%
CMY	0.4458, 0.4144, 0.4419
CMYK	0.05, 0.00, 0.05, 0.41
HSL	127°, 4%, 57%
HSV	127°, 5%, 59%
XYZ	26.7418, 29.2481, 29.9511
YIQ	145.8100, -2.5210, -3.8730

Conversions

Conversions Part 2

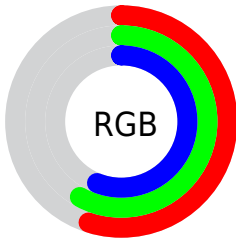
Format	Color
RYB	141, 148, 149
Decimal	9278862
CIELab	61.00, -4.26, 2.69
CIELCh	61, 5.040, 147.776
Yxy	29.2481, 0.3112, 0.3403
Android (android.graphics.Color)	4287468942 (0xFF8D958E)
YUV	145.8100, -1.8783, -4.2184
Hunter-Lab	54.0815, -6.3795, 5.0215

Details

The CIELCh color $61, 5.040, 147.776$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $60, 5.057, 328.302$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 4.753, 147.872$, and $41, 4.700, 148.240$ is the 20% darker color. If you saturate the color by 10%, you get $60, 14.539, 147.088$, and if you desaturate by 10%, it is $63, 4.337, 328.240$.

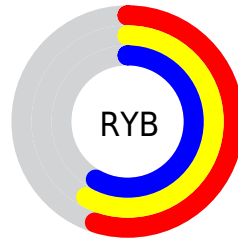
Distribution



Red (55%)

Green (58%)

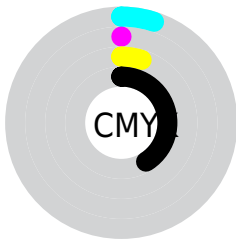
Blue (56%)



Red (55%)

Yellow (58%)

Blue (58%)

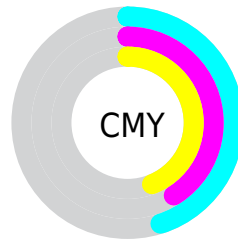


Cyan (5%)

Magenta (0%)

Yellow (5%)

Black (41%)



Cyan (45%)

Magenta (41%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 5.040, 147.776 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, 5.040, 147.776 by changing the saturation by 10% instead.

■ 61, 5.040, 147.776

■ 61, 5.040, 147.776

■ 100, 5.040,
147.776

■ 51, 5.040, 147.776

■ 81, 5.040, 147.776

■ 41, 5.040, 147.776

■ 91, 5.040, 147.776

■ 31, 5.040, 147.776

■ 21, 5.040, 147.776

■ 11, 5.040, 147.776

■ 1, 5.040, 147.776

■ 0, 5.040, 147.776

■ 61, 5.040, 147.776

■ 61, 5.040, 147.776

■ 60, 14.539,

■ 63, 4.337, 328.240

147.088

64, 13.525,
328.763

58, 24.055,
146.317

66, 22.473,
329.191

57, 33.452,
145.426

68, 31.154,
329.560

56, 42.563,
144.402

70, 39.553,
329.881

55, 51.185,
143.239

72, 47.668,
330.163

55, 59.087,
141.950

74, 55.502,
330.411

54, 66.026,
140.572

76, 62.147,
328.973

54, 71.752,
139.180

76, 65.437,
326.665

54, 76.054,
137.893

Harmonies

Complementary

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



61, 5.040, 147.776



60, 5.057, 328.302

Rectangle

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



61, 5.040, 147.776



61, 5.040, 197.776



61, 5.040, 327.776



61, 5.040, 17.776

Sweetspot

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



61, 5.042, 147.775



78, 2.315, 148.048



62, 4.497, 114.349



41, 1.312, 148.064



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, 5.042, 147.775



77, 6.983, 147.723



61, 3.546, 170.089



31, 3.693, 147.701



50, 72.993, 137.549



2, 4.607, 148.045

Inverse Universe

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



60, 5.057, 328.302



75, 7.003, 328.351



60, 3.592, 350.820



30, 3.703, 328.371



31, 66.423, 333.773



1, 4.607, 328.040

Previews

White Background



This preview shows how the CIELCh color 61, 5.040, 147.776 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, 5.040, 147.776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

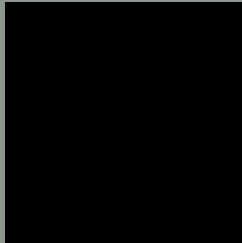
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

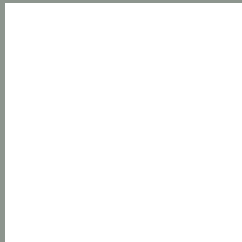
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 5.040, 147.776

Background



This preview shows how black text looks on a background with the CIELCh color 61, 5.040, 147.776.



This preview shows how white text looks on a background with the CIELCh color 61, 5.040, 147.776.

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

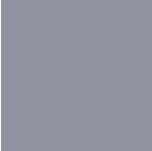
61, 5.040, 147.776

Protanopia

61, 3.416, 74.550

Deuteranopia

61, 8.008, 12.131



Tritanopia
61, 6.829, 281.524

Trichromacy



Original Color

61, 5.040, 147.776

Protanomaly

61, 3.364, 109.784

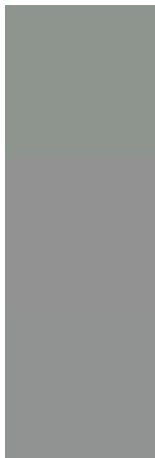
Deuteranomaly

61, 3.712, 37.191

Tritanomaly

61, 3.364, 256.316

Monochromacy



Original Color

61, 5.040, 147.776

Achromatopsia

61, 0.008, 296.813

Achromatomaly

61, 1.622, 155.699

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 5.040, 147.776 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(141, 149, 142)` looks like.

```
.text, #text, p{  
    color:rgb(141, 149, 142)  
}
```

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(141, 149, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 149, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 5.040, 147.776 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(141, 149, 142) }
```

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

```
.border{ border-color:rgb(141, 149, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 149, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 149, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 149, 142);  
box-shadow:4px 4px 4px 4px rgb(141, 149,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 5.040, 147.776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 149, 142) }
```

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

```
.background{ background-color: rgb(141,  
149, 142) }
```

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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