

Converting Colors

CIELCh(61, 5.227, 187.010)

Have a look what the booklet for
CIELCh(61, 5.227, 187.010) contains.

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Color

CIELCh(61, 5.084, 186.202)

Conversions

Conversions Part 1

Format	Color
Hex	899694
RGB	137, 150, 148
RGB Percent	54%, 59%, 58%
CMY	0.4629, 0.4119, 0.4198
CMYK	0.09, 0.00, 0.01, 0.41
HSL	171°, 6%, 56%
HSV	171°, 9%, 59%
XYZ	26.5487, 29.2481, 32.2431
YIQ	145.8850, -7.1060, -3.3780

Conversions

Conversions Part 2

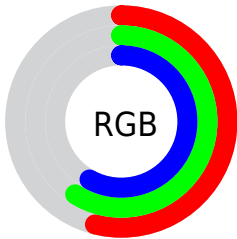
Format	Color
R_{YB}	137, 144, 150
Decimal	9016980
CIE Lab	61.00, -5.05, -0.55
CIE LCh	61, 5.084, 186.202
Yxy	29.2481, 0.3016, 0.3322
Android (android.graphics.Color)	4287207060 (0xFF899694)
YUV	145.8850, 1.0427, -7.7921
Hunter-Lab	54.0815, -7.0168, 2.5087

Details

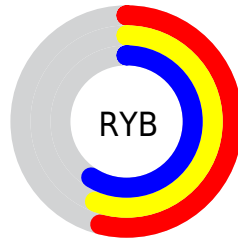
The CIELCh color $61, 5.084, 186.202$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 5.282, 7.499$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 5.164, 187.237$, and $41, 5.059, 184.910$ is the 20% darker color. If you saturate the color by 10%, you get $60, 10.762, 185.297$, and if you desaturate by 10%, it is $62, 0.793, 6.394$.

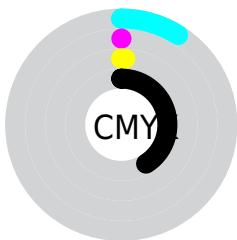
Distribution



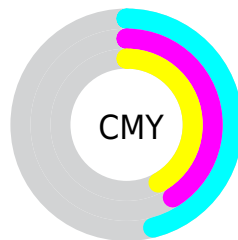
- Red (54%)
- Green (59%)
- Blue (58%)



- Red (54%)
- Yellow (56%)
- Blue (59%)



- Cyan (9%)
- Magenta (0%)
- Yellow (1%)
- Black (41%)



- Cyan (46%)
- Magenta (41%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 5.084, 186.202 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, 5.084, 186.202 by changing the saturation by 10% instead.

■ 61, 5.084, 186.202

■ 61, 5.084, 186.202

■ 100, 5.084,
186.202

■ 51, 5.084, 186.202

■ 81, 5.084, 186.202

■ 41, 5.084, 186.202

■ 91, 5.084, 186.202

■ 31, 5.084, 186.202

■ 21, 5.084, 186.202

■ 11, 5.084, 186.202

■ 1, 5.084, 186.202

■ 0, 5.084, 186.202

■ 61, 5.084, 186.202

■ 61, 5.084, 186.202

■ 60, 10.762,

■ 62, 0.793, 6.394

185.297

64, 6.797, 7.662

59, 16.152,
184.403

65, 12.867, 8.468

58, 21.163,
183.473

67, 18.951, 9.235

57, 25.700,
182.493

68, 25.012, 9.977

57, 29.675,
181.445

72, 36.957, 11.401

56, 33.019,
180.312

73, 42.068, 11.783

73, 42.111, 10.111

56, 35.693,
179.074

56, 37.700,
177.710

55, 39.179,
176.243

Harmonies

Complementary

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



61, 5.084, 186.202



58, 5.282, 7.499

Rectangle

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



61, 5.084, 186.202



61, 5.084, 236.202



61, 5.084, 6.202



61, 5.084, 56.202

Sweetspot

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



61, 5.085, 186.190



78, 2.183, 186.804



61, 8.483, 139.418



41, 1.649, 186.695



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, 5.085, 186.190



77, 7.212, 186.050



60, 4.049, 236.535



31, 3.273, 186.141



51, 36.945, 176.183



2, 2.906, 186.834

Inverse Universe

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



58, 5.282, 7.499



73, 7.541, 7.655



59, 4.219, 54.939



29, 3.408, 7.552



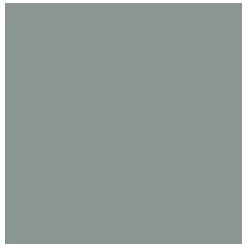
28, 59.795, 31.344



1, 2.907, 6.818

Previews

White Background



This preview shows how the CIELCh color 61, 5.084, 186.202 looks on a white background.

Color Contrast Check

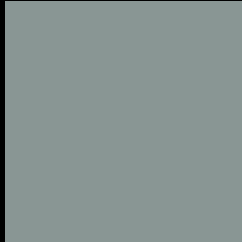
Large Text (above 18pt) WCAG AA ✓ Pass

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, 5.084, 186.202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

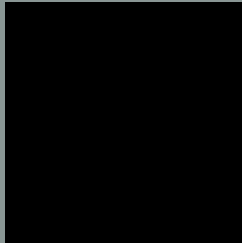
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

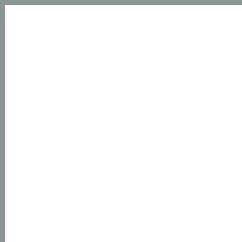
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 5.084, 186.202

Background



This preview shows how black text looks on a background with the CIELCh color 61, 5.084, 186.202.



This preview shows how white text looks on a background with the CIELCh color 61, 5.084, 186.202.

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

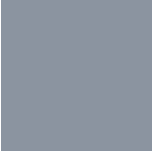
61, 5.084, 186.202

Protanopia

61, 1.557, 19.275

Deuteranopia

61, 8.076, 351.075



Tritanopia
61, 7.456, 264.540

Trichromacy



Original Color
61, 5.084, 186.202

Protanomaly
61, 0.770, 199.902

Deuteranomaly
61, 3.546, 340.250

Tritanomaly
61, 5.616, 243.854

Monochromacy



Original Color
61, 5.084, 186.202

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 1.536, 199.544

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 5.084, 186.202 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(137, 150, 148)` looks like.

```
.text, #text, p{  
    color:rgb(137, 150, 148)  
}
```

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(137, 150, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 150, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 5.084, 186.202 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(137, 150, 148) }
```

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

```
.border{ border-color:rgb(137, 150, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 150, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 150, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 150, 148);  
box-shadow:4px 4px 4px 4px rgb(137, 150,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 5.084, 186.202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 150, 148) }
```

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

```
.background{ background-color: rgb(137,  
150, 148) }
```

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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