

Converting Colors

CIELCh(61, 5.756, 163.061)

Have a look what the booklet for
CIELCh(61, 5.756, 163.061) contains.

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Color

CIELCh(61, 5.756, 163.061)

Conversions

Conversions Part 1

Format	Color
Hex	8A9690
RGB	138, 150, 144
RGB Percent	54%, 59%, 56%
CMY	0.4587, 0.4116, 0.4351
CMYK	0.08, 0.00, 0.04, 0.41
HSL	150°, 5%, 56%
HSV	150°, 8%, 59%
XYZ	26.4387, 29.2481, 30.6546
YIQ	145.7280, -5.2260, -4.4100

Conversions

Conversions Part 2

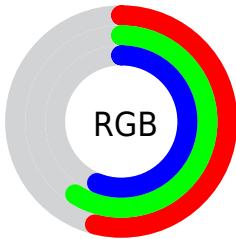
Format	Color
RYB	138, 146, 150
Decimal	9082512
CIELab	61.00, -5.51, 1.68
CIELCh	61, 5.756, 163.061
Yxy	29.2481, 0.3062, 0.3387
Android (android.graphics.Color)	4287272592 (0xFF8A9690)
YUV	145.7280, -0.8519, -6.7775
Hunter-Lab	54.0815, -7.3799, 4.2503

Details

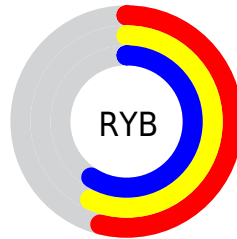
The CIELCh color $61, 5.756, 163.061$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 5.821, 344.236$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 5.731, 165.311$, and $41, 5.504, 165.320$ is the 20% darker color. If you saturate the color by 10%, you get $60, 12.953, 162.142$, and if you desaturate by 10%, it is $62, 1.443, 343.570$.

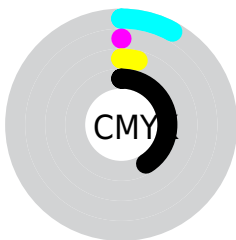
Distribution



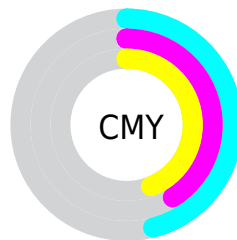
- Red (54%)
- Green (59%)
- Blue (56%)



- Red (54%)
- Yellow (57%)
- Blue (59%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (41%)



- Cyan (46%)
- Magenta (41%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 5.756, 163.061 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, 5.756, 163.061 by changing the saturation by 10% instead.

■ 61, 5.756, 163.061

■ 61, 5.756, 163.061

■ 100, 5.756,
163.061

■ 51, 5.756, 163.061

■ 81, 5.756, 163.061

■ 41, 5.756, 163.061

■ 91, 5.756, 163.061

■ 31, 5.756, 163.061

■ 21, 5.756, 163.061

■ 11, 5.756, 163.061

■ 1, 5.756, 163.061

■ 0, 5.756, 163.061

■ 61, 5.756, 163.061

■ 61, 5.756, 163.061

■ 60, 12.953,

■ 62, 1.443, 343.570

162.142

64, 8.581, 344.489

59, 20.059,
161.153

65, 15.607,
345.178

58, 26.975,
160.051

67, 22.486,
345.807

57, 33.587,
158.812

69, 29.192,
346.390

56, 39.779,
157.412

71, 35.714,
346.935

55, 45.443,
155.829

73, 42.044,
347.448

55, 50.495,
154.047

74, 47.324,
346.970

55, 54.894,
152.062

75, 49.373,
342.990

54, 58.719,
149.947

Harmonies

Complementary

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



61, 5.756, 163.061



59, 5.821, 344.236

Rectangle

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



61, 5.756, 163.061



61, 5.756, 213.061



61, 5.756, 343.061



61, 5.756, 33.061

Sweetspot

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



61, 5.758, 163.056



78, 1.766, 163.708



61, 7.118, 128.150



41, 1.001, 163.734



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, 5.758, 163.056



77, 8.870, 162.857



61, 4.546, 197.654



31, 4.019, 162.948



50, 55.637, 149.738



2, 3.519, 163.651

Inverse Universe

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



59, 5.821, 344.236



73, 8.988, 344.434



59, 4.767, 18.444



29, 4.068, 344.343



29, 53.710, 0.876



1, 3.520, 343.641

Previews

White Background



This preview shows how the CIELCh color 61, 5.756, 163.061 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 CIELCh color 61, 5.756, 163.061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

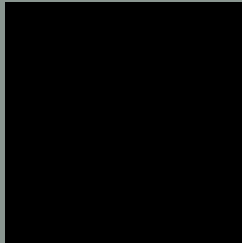
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

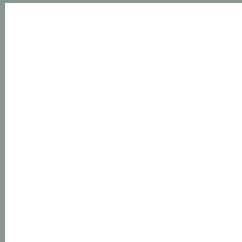
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 5.756, 163.061

Background



This preview shows how black text looks on a background with the CIELCh color 61, 5.756, 163.061.



This preview shows how white text looks on a background with the CIELCh color 61, 5.756, 163.061.

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](#).

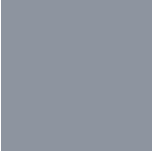
Dichromacy



Original Color
61, 5.756, 163.061

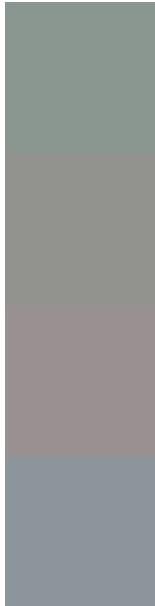
Protanopia
61, 2.971, 68.408

Deuteranopia
61, 8.206, 4.356



Tritanopia
61, 6.661, 267.955

Trichromacy



Original Color
61, 5.756, 163.061

Protanomaly
61, 2.279, 119.758

Deuteranomaly
61, 3.133, 19.572

Tritanomaly
61, 4.352, 239.599

Monochromacy



Original Color
61, 5.756, 163.061

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 1.920, 163.604

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 5.756, 163.061 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(138, 150, 144)` looks like.

```
.text, #text, p{  
    color:rgb(138, 150, 144)  
}
```

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(138, 150, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 150, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 5.756, 163.061 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(138, 150, 144) }
```

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

```
.border{ border-color:rgb(138, 150, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 150, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 150, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 150, 144);  
box-shadow:4px 4px 4px 4px rgb(138, 150,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 5.756, 163.061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 150, 144) }
```

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

```
.background{ background-color: rgb(138,  
150, 144) }
```

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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