

Converting Colors

CIELCh(61, 9.684, 224.960)

Have a look what the booklet for
CIELCh(61, 9.684, 224.960) contains.

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Color

CIELCh(61, 9.655, 226.678)

Conversions

Conversions Part 1

Format	Color
Hex	7F979F
RGB	127, 151, 159
RGB Percent	50%, 59%, 62%
CMY	0.5011, 0.4069, 0.3756
CMYK	0.20, 0.05, 0.00, 0.38
HSL	195°, 14%, 56%
HSV	195°, 20%, 62%
XYZ	26.1679, 29.2481, 37.1733
YIQ	144.7360, -16.8720, -2.6000

Conversions

Conversions Part 2

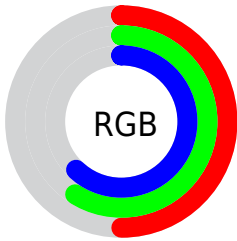
Format	Color
R_{YB}	127, 141, 159
Decimal	8361887
CIE _{Lab}	61.00, -6.62, -7.02
CIE _{LCh}	61, 9.655, 226.678
Yxy	29.2481, 0.2826, 0.3159
Android (android.graphics.Color)	4286551967 (0xFF7F979F)
YUV	144.7360, 7.0322, -15.5545
Hunter-Lab	54.0815, -8.2736, -2.8962

Details

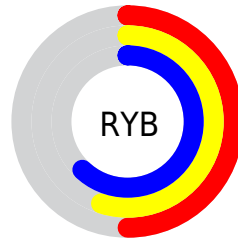
The CIELCh color `61, 9.655, 226.678` is a dark color, and the websafe version is hex `999999`. A complement of this color would be `58, 10.919, 44.612`, and the grayscale version is `60, 0.008, 296.813`.

A 20% lighter version of the original color is `81, 9.776, 228.299`, and `41, 9.795, 228.423` is the 20% darker color. If you saturate the color by 10%, you get `59, 14.027, 227.567`, and if you desaturate by 10%, it is `63, 4.977, 226.021`.

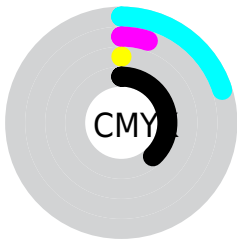
Distribution



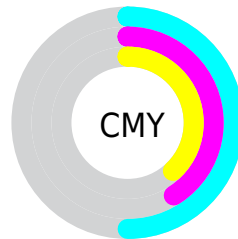
- Red (50%)
- Green (59%)
- Blue (62%)



- Red (50%)
- Yellow (55%)
- Blue (62%)



- Cyan (20%)
- Magenta (5%)
- Yellow (0%)
- Black (38%)



- Cyan (50%)
- Magenta (41%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 9.655, 226.678 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, 9.655, 226.678 by changing the saturation by 10% instead.

■ 61, 9.655, 226.678

■ 61, 9.655, 226.678

■ 100, 9.655,
226.678

■ 51, 9.655, 226.678

■ 81, 9.655, 226.678

■ 41, 9.655, 226.678

■ 91, 9.655, 226.678

■ 31, 9.655, 226.678

■ 21, 9.655, 226.678

■ 11, 9.655, 226.678

■ 1, 9.655, 226.678

■ 0, 9.655, 226.678

■ 61, 9.655, 226.678

■ 61, 9.655, 226.678

■ 59, 14.027,

■ 63, 4.977, 226.021

227.567

66, 0.054, 233.704

57, 18.026,
228.748

68, 5.060, 44.940

55, 21.589,
230.278

70, 10.317, 44.706

53, 24.659,
232.235

73, 15.679, 44.525

51, 27.205,
234.707

75, 21.112, 44.400

78, 26.592, 44.322

50, 29.229,
237.776

81, 32.098, 44.281

81, 31.717, 48.442

48, 30.788,
241.503

47, 32.075,
245.655

Harmonies

Complementary

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



61, 9.655, 226.678



58, 10.919, 44.612

Rectangle

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



61, 9.655, 226.678



61, 9.655, 276.678



61, 9.655, 46.678



61, 9.655, 96.678

Sweetspot

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



61, 9.655, 226.670



81, 3.687, 225.852



63, 18.562, 150.320



43, 2.462, 225.872



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61, 9.655, 226.670



76, 14.071, 227.029



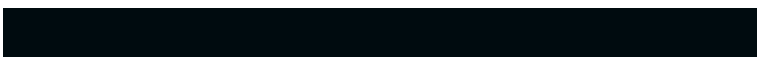
57, 13.676, 278.787



32, 2.775, 225.978



42, 29.546, 245.179



3, 3.675, 229.705

Inverse Universe

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



57, 18.441, 333.634



70, 27.240, 333.937



62, 13.539, 93.696



31, 5.127, 332.893



32, 62.208, 341.016



1, 6.497, 333.681

Previews

White Background



This preview shows how the CIELCh color 61, 9.655, 226.678 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, 9.655, 226.678 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, 9.655, 226.678

Background



This preview shows how black text looks on a background with the CIELCh color 61, 9.655, 226.678.



This preview shows how white text looks on a background with the CIELCh color 61, 9.655, 226.678.

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, 9.655, 226.678

Protanopia

61, 5.656, 294.636

Deuteranopia

61, 11.161, 315.113



Tritanopia
61, 10.482, 239.145

Trichromacy



Original Color
61, 9.655, 226.678

Protanomaly
61, 5.822, 260.001

Deuteranomaly
61, 7.893, 288.363

Tritanomaly
61, 10.165, 236.520

Monochromacy



Original Color
61, 9.655, 226.678

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 3.444, 228.746

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 9.655, 226.678 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(127, 151, 159)` looks like.

```
.text, #text, p{  
    color:rgb(127, 151, 159)  
}
```

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(127, 151, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 151, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 9.655, 226.678 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(127, 151, 159) }
```

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

```
.border{ border-color:rgb(127, 151, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 151, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 151, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 151, 159);  
box-shadow:4px 4px 4px 4px rgb(127, 151,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 9.655, 226.678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 151, 159) }
```

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

```
.background{ background-color: rgb(127,  
151, 159) }
```

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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