

Converting Colors

CIELCh(61, 21.498, 221.145)

Have a look what the booklet for
CIELCh(61, 21.498, 221.145)
contains.

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Color

CIELCh(61, 21.496, 221.172)

Conversions

Conversions Part 1

Format	Color
Hex	5D9CAB
RGB	93, 156, 171
RGB Percent	36%, 61%, 67%
CMY	0.6334, 0.3864, 0.3275
CMYK	0.45, 0.09, 0.00, 0.33
HSL	192°, 32%, 52%
HSV	192°, 45%, 67%
XYZ	23.9286, 29.2481, 43.1542
YIQ	138.8730, -42.3630, -8.6910

Conversions

Conversions Part 2

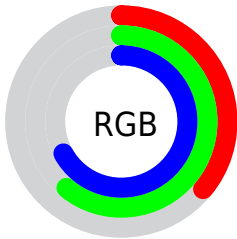
Format	Color
R_{YB}	93, 128, 171
Decimal	6134955
CIE _{Lab}	61.00, -16.18, -14.15
CIE _{LCh}	61, 21.496, 221.172
Yxy	29.2481, 0.2484, 0.3036
Android (android.graphics.Color)	4284325035 (0xFF5D9CAB)
YUV	138.8730, 15.8386, -40.2306
Hunter-Lab	54.0815, -15.6647, -9.4532

Details

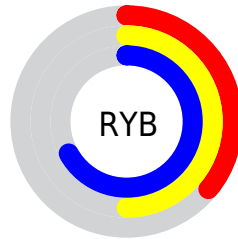
The CIELCh color **61, 21.496, 221.172** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **52, 30.004, 38.925**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 21.623, 219.904**, and **41, 21.564, 220.769** is the 20% darker color. If you saturate the color by 10%, you get **59, 24.898, 222.426**, and if you desaturate by 10%, it is **63, 17.524, 220.234**.

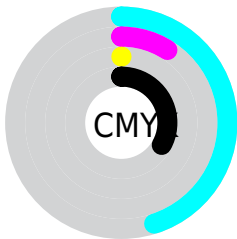
Distribution



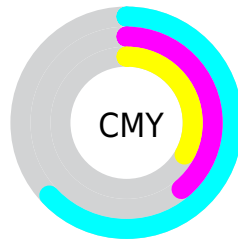
- Red (36%)
- Green (61%)
- Blue (67%)



- Red (36%)
- Yellow (50%)
- Blue (67%)



- Cyan (45%)
- Magenta (9%)
- Yellow (0%)
- Black (33%)





- Cyan (63%)
- Magenta (39%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 21.496, 221.172 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, 21.496, 221.172 by changing the saturation by 10% instead.


 61, 21.496,
221.172


 61, 21.496,
221.172


 100, 21.496,
221.172


 51, 21.496,
221.172


 81, 21.496,
221.172

 41, 21.496,
221.172

 91, 21.496,
221.172

 31, 21.496,
221.172

 21, 21.496,
221.172

 11, 21.496,
221.172

 1, 21.496, 221.172

 0, 21.496, 221.172

61, 21.496,
221.172

61, 21.496,
221.172

59, 24.898,
222.426

63, 17.524,
220.234

58, 27.670,
224.075

65, 13.059,
219.558

56, 29.783,
226.194

67, 8.183, 219.098

55, 31.253,
228.860

69, 2.974, 218.880

71, 2.497, 38.325

54, 32.164,
232.121

73, 8.167, 38.360

53, 32.512,
233.675

76, 13.984, 38.359

78, 19.905, 38.400

81, 25.895, 38.480

Harmonies

Complementary

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



61, 21.496, 221.172



52, 30.004, 38.925

Rectangle

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



61, 21.496, 221.172



61, 21.496, 271.172



61, 21.496, 41.172



61, 21.496, 91.172

Sweetspot

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



61, 21.496, 221.170



85, 9.154, 219.055



64, 45.785, 146.136



45, 6.333, 219.130



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



61, 21.496, 221.170



75, 30.351, 222.495



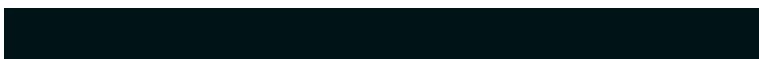
50, 31.742, 280.214



36, 3.069, 218.920



47, 29.506, 233.237



5, 6.443, 227.015

Inverse Universe

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



51, 45.499, 333.194



61, 66.280, 333.931



62, 31.628, 86.586



34, 5.767, 330.801



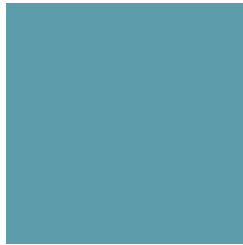
34, 67.292, 337.514



2, 11.513, 332.830

Previews

White Background



This preview shows how the CIELCh color 61, 21.496, 221.172 looks on a white background.

Color Contrast Check

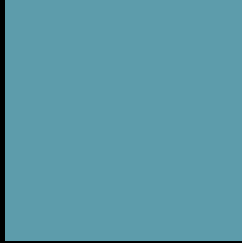
Large Text (above 18pt) WCAG AA ✓ Pass

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, 21.496, 221.172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

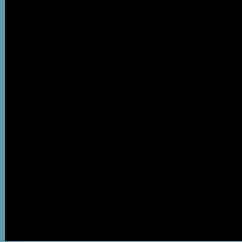
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 21.496, 221.172

Background



This preview shows how black text looks on a background with the CIELCh color 61, 21.496, 221.172.



This preview shows how white text looks on a background with the CIELCh color 61, 21.496, 221.172.

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, 21.496, 221.172

Protanopia
61, 10.718, 289.414

Deuteranopia
61, 17.590, 296.768



Tritanopia
61, 21.416, 216.289

Trichromacy



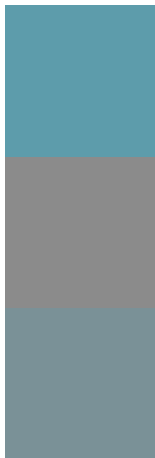
Original Color
61, 21.496, 221.172

Protanomaly
61, 12.763, 251.924

Deuteranomaly
61, 15.489, 265.131

Tritanomaly
61, 21.508, 217.826

Monochromacy



Original Color
61, 21.496, 221.172

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 8.992, 221.058

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 21.496, 221.172 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(93, 156, 171)` looks like.

```
.text, #text, p{  
    color:rgb(93, 156, 171)  
}
```

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(93, 156, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 156, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 21.496, 221.172 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(93, 156, 171) }
```

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

```
.border{ border-color:rgb(93, 156, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 156, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 156, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 156, 171);  
box-shadow:4px 4px 4px 4px rgb(93, 156,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 21.496, 221.172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 156, 171) }
```

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

```
.background{ background-color: rgb(93, 156,  
171) }
```

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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