

Converting Colors

CIELCh(61, 24.647, 244.492)

Have a look what the booklet for
CIELCh(61, 24.647, 244.492)
contains.

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Color

CIELCh(61, 24.806, 245.345)

Conversions

Conversions Part 1

Format	Color
Hex	5F9ABA
RGB	95, 154, 186
RGB Percent	37%, 60%, 73%
CMY	0.6259, 0.3946, 0.2691
CMYK	0.49, 0.17, 0.00, 0.27
HSL	201°, 40%, 55%
HSV	201°, 49%, 73%
XYZ	25.2795, 29.2481, 50.9814
YIQ	140.0070, -45.4360, -2.5560

Conversions

Conversions Part 2

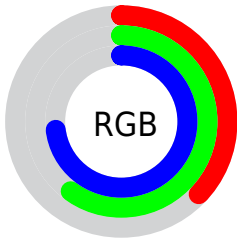
Format	Color
R _{YB}	95, 131, 186
Decimal	6265530
CIE _{Lab}	61.00, -10.35, -22.54
CIE _{LCh}	61, 24.806, 245.345
Y _{xy}	29.2481, 0.2396, 0.2772
Android (android.graphics.Color)	4284455610 (0xFF5F9ABA)
Y _{UV}	140.0070, 22.6745, -39.4711
Hunter-Lab	54.0815, -11.2059, -18.0342

Details

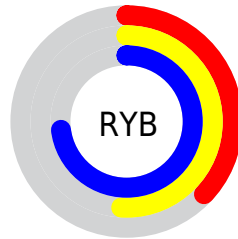
The CIELCh color `61, 24.806, 245.345` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `59, 32.731, 54.267`, and the grayscale version is `58, 0.007, 296.813`.

A 20% lighter version of the original color is `81, 24.845, 245.592`, and `41, 24.902, 245.507` is the 20% darker color. If you saturate the color by 10%, you get `58, 28.906, 248.016`, and if you desaturate by 10%, it is `64, 20.315, 243.172`.

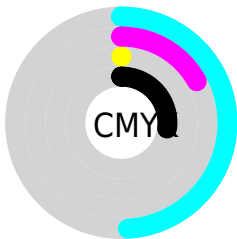
Distribution



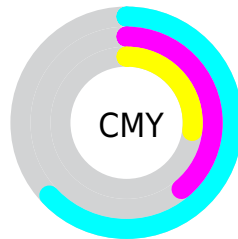
- Red (37%)
- Green (60%)
- Blue (73%)



- Red (37%)
- Yellow (51%)
- Blue (73%)



- Cyan (49%)
- Magenta (17%)
- Yellow (0%)
- Black (27%)





- Cyan (63%)
- Magenta (39%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 24.806, 245.345 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, 24.806, 245.345 by changing the saturation by 10% instead.


 61, 24.806,
245.345


 61, 24.806,
245.345


 100, 24.806,
245.345


 51, 24.806,
245.345


 81, 24.806,
245.345

 41, 24.806,
245.345

 91, 24.806,
245.345

 31, 24.806,
245.345

 21, 24.806,
245.345

 11, 24.806,
245.345

 1, 24.806, 245.345

 0, 24.806, 245.345

61, 24.806,
245.345

61, 24.806,
245.345

58, 28.906,
248.016

64, 20.315,
243.172

56, 32.611,
251.268

67, 15.472,
241.418

53, 35.954,
255.153

70, 10.326,
240.011

51, 39.027,
259.664

73, 4.930, 238.909

49, 42.008,
264.606

76, 0.662, 57.202

79, 6.406, 57.053

49, 42.373,
265.169

82, 12.260, 56.464

86, 18.190, 55.962

88, 21.588, 60.416

Harmonies

Complementary

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



61, 24.806, 245.345



59, 32.731, 54.267

Rectangle

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



61, 24.806, 245.345



61, 24.806, 295.345



61, 24.806, 65.345



61, 24.806, 115.345

Sweetspot

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



61, 24.805, 245.344



90, 10.253, 239.581



69, 46.056, 151.724



47, 7.023, 239.831



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



61, 24.805, 245.344



74, 35.731, 248.358



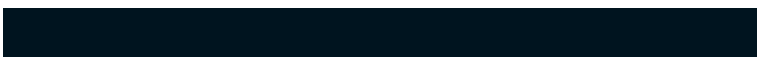
48, 45.502, 290.968



38, 3.196, 238.959



41, 37.212, 264.463



5, 10.029, 252.722

Inverse Universe

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



53, 46.757, 340.537



63, 67.963, 341.791



70, 41.637, 97.783



37, 5.520, 337.088



34, 62.764, 348.547



3, 15.412, 342.820

Previews

White Background



This preview shows how the CIELCh color 61, 24.806, 245.345 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, 24.806, 245.345 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, 24.806, 245.345

Background



This preview shows how black text looks on a background with the CIELCh color 61, 24.806, 245.345.

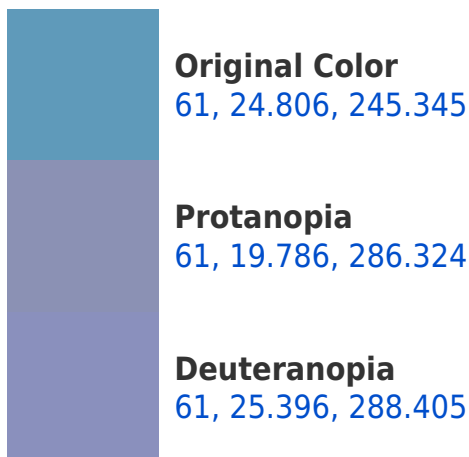


This preview shows how white text looks on a background with the CIELCh color 61, 24.806, 245.345.

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](#).

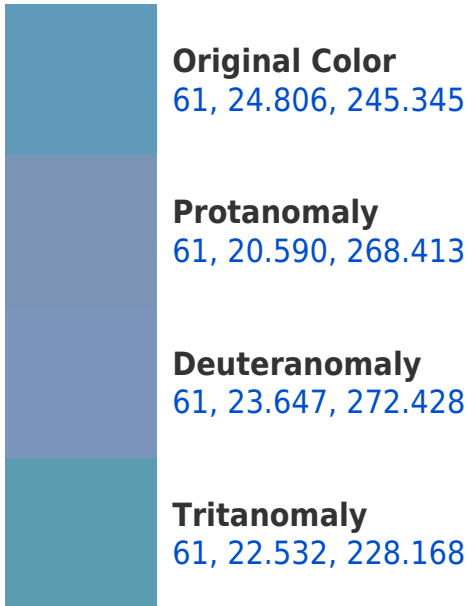
Dichromacy



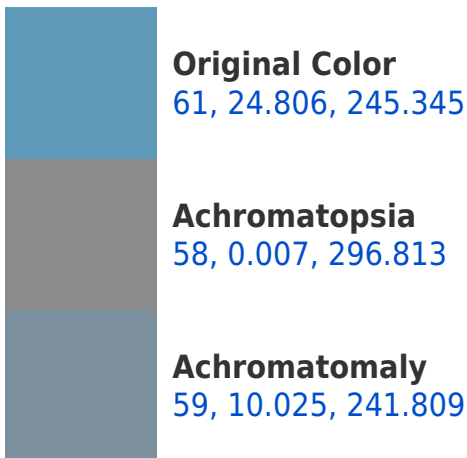


Tritanopia
61, 22.226, 217.099

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 24.806, 245.345 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(95, 154, 186)` looks like.

```
.text, #text, p{  
    color:rgb(95, 154, 186)  
}
```

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(95, 154, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 154, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 24.806, 245.345 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(95, 154, 186) }
```

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

```
.border{ border-color:rgb(95, 154, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 154, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 154, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 154, 186);  
box-shadow:4px 4px 4px 4px rgb(95, 154,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 24.806, 245.345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 154, 186) }
```

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

```
.background{ background-color: rgb(95, 154,  
186) }
```

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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