

Converting Colors

CIELCh(61, 27.313, 244.123)

Have a look what the booklet for
CIELCh(61, 27.313, 244.123)
contains.

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Color

CIELCh(61, 27.410, 244.614)

Conversions

Conversions Part 1

Format	Color
Hex	569BBE
RGB	86, 155, 190
RGB Percent	34%, 61%, 75%
CMY	0.6617, 0.3912, 0.2539
CMYK	0.55, 0.18, 0.00, 0.25
HSL	200°, 45%, 54%
HSV	200°, 55%, 75%
XYZ	24.9500, 29.2481, 53.1977
YIQ	138.3590, -52.3590, -3.7430

Conversions

Conversions Part 2

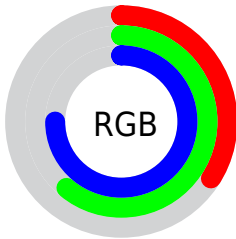
Format	Color
R _Y B	86, 127, 190
Decimal	5675966
CIE Lab	61.00, -11.75, -24.76
CIE LCh	61, 27.410, 244.614
Yxy	29.2481, 0.2323, 0.2723
Android (android.graphics.Color)	4283866046 (0xFF569BBE)
YUV	138.3590, 25.4590, -45.9188
Hunter-Lab	54.0815, -12.2935, -20.4640

Details

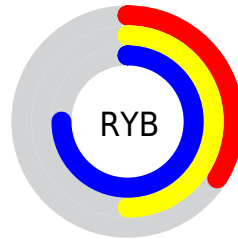
The CIELCh color `61, 27.410, 244.614` is a dark color, and the websafe version is hex `3399CC`. A complement of this color would be `57, 38.171, 52.459`, and the grayscale version is `58, 0.007, 296.813`.

A 20% lighter version of the original color is `81, 27.274, 244.982`, and `41, 27.534, 245.030` is the 20% darker color. If you saturate the color by 10%, you get `58, 31.207, 247.544`, and if you desaturate by 10%, it is `64, 23.175, 242.231`.

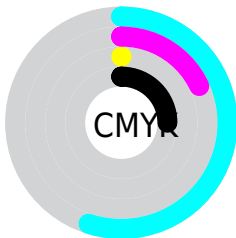
Distribution



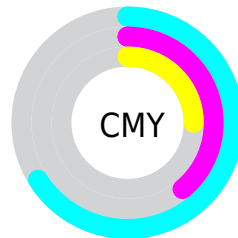
- Red (34%)
- Green (61%)
- Blue (75%)



- Red (34%)
- Yellow (50%)
- Blue (75%)



- Cyan (55%)
- Magenta (18%)
- Yellow (0%)
- Black (25%)





- Cyan (66%)
- Magenta (39%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 27.410, 244.614 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, 27.410, 244.614 by changing the saturation by 10% instead.


 61, 27.410,
244.614


 61, 27.410,
244.614


 100, 27.410,
244.614


 51, 27.410,
244.614


 81, 27.410,
244.614

 41, 27.410,
244.614

 91, 27.410,
244.614

 31, 27.410,
244.614

 21, 27.410,
244.614

 11, 27.410,
244.614

 1, 27.410, 244.614

 0, 27.410, 244.614

61, 27.410,
244.614

61, 27.410,
244.614

58, 31.207,
247.544

64, 23.175,
242.231

56, 34.580,
251.097

67, 18.530,
240.312

54, 37.593,
255.306

70, 13.524,
238.776

51, 40.376,
260.120

73, 8.214, 237.558

50, 41.877,
262.754

76, 2.659, 236.680

79, 3.090, 55.549

82, 8.983, 54.998

85, 14.982, 54.490

88, 20.227, 55.603

Harmonies

Complementary

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



61, 27.410, 244.614



57, 38.171, 52.459

Rectangle

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



61, 27.410, 244.614



61, 27.410, 294.614



61, 27.410, 64.614



61, 27.410, 114.614

Sweetspot

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



61, 27.409, 244.613



91, 11.064, 237.734



70, 52.629, 150.256



48, 7.498, 237.973



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



61, 27.409, 244.613



74, 39.042, 248.341



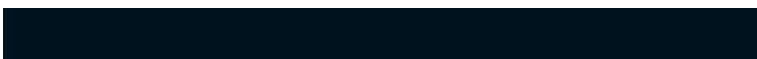
46, 51.278, 291.529



38, 3.188, 237.034



42, 36.208, 261.965



5, 9.911, 250.669

Inverse Universe

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



52, 53.042, 340.405



62, 75.861, 341.873



71, 46.451, 96.075



37, 5.580, 336.428



35, 63.301, 347.367



3, 15.598, 341.932

Previews

White Background



This preview shows how the CIE LCh color 61, 27.410, 244.614 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, 27.410, 244.614 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

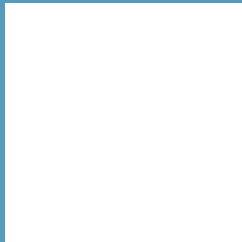
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 27.410, 244.614

Background



This preview shows how black text looks on a background with the CIELCh color 61, 27.410, 244.614.

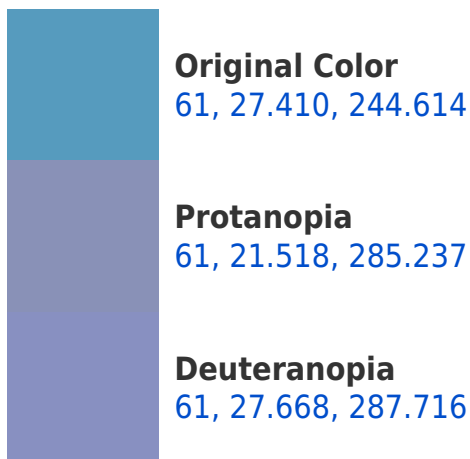


This preview shows how white text looks on a background with the CIELCh color 61, 27.410, 244.614.

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, 25.102, 213.184

Trichromacy



Original Color
61, 27.410, 244.614

Protanomaly
61, 22.635, 266.849

Deuteranomaly
61, 26.167, 271.464

Tritanomaly
61, 25.031, 224.647

Monochromacy



Original Color
61, 27.410, 244.614

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 11.380, 239.375

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 27.410, 244.614 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(86, 155, 190)` looks like.

```
.text, #text, p{  
    color:rgb(86, 155, 190)  
}
```

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(86, 155, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 155, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 27.410, 244.614 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(86, 155, 190) }
```

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

```
.border{ border-color:rgb(86, 155, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 155, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 155, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 155, 190);  
box-shadow:4px 4px 4px 4px rgb(86, 155,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 27.410, 244.614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 155, 190) }
```

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

```
.background{ background-color: rgb(86, 155,  
190) }
```

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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