

Converting Colors

CIELCh(61, 24.200, 268.843)

Have a look what the booklet for
CIELCh(61, 24.200, 268.843)
contains.

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Color

CIELCh(61, 24.623, 269.609)

Conversions

Conversions Part 1

Format	Color
Hex	7795BE
RGB	119, 149, 190
RGB Percent	47%, 58%, 75%
CMY	0.5323, 0.4147, 0.2538
CMYK	0.37, 0.22, 0.00, 0.25
HSL	215°, 35%, 61%
HSV	215°, 37%, 75%
XYZ	27.7573, 29.2481, 53.0551
YIQ	144.7040, -31.0410, 6.3910

Conversions

Conversions Part 2

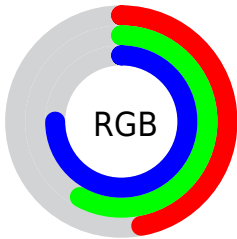
Format	Color
R_{YB}	119, 140, 190
Decimal	7837118
CIE _{Lab}	61.00, -0.17, -24.62
CIE _{LCh}	61, 24.623, 269.609
Yxy	29.2481, 0.2522, 0.2657
Android (android.graphics.Color)	4286027198 (0xFF7795BE)
YUV	144.7040, 22.3309, -22.5424
Hunter-Lab	54.0815, -3.0278, -20.3076

Details

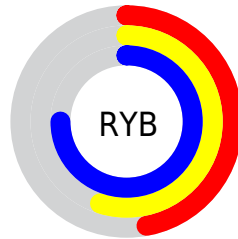
The CIELCh color `61, 24.623, 269.609` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `68, 26.024, 78.445`, and the grayscale version is `60, 0.008, 296.813`.

A 20% lighter version of the original color is `81, 24.432, 269.169`, and `41, 24.575, 269.999` is the 20% darker color. If you saturate the color by 10%, you get `57, 31.241, 272.032`, and if you desaturate by 10%, it is `65, 18.011, 267.547`.

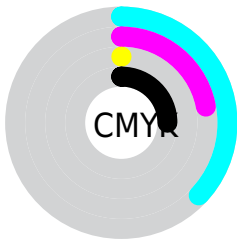
Distribution



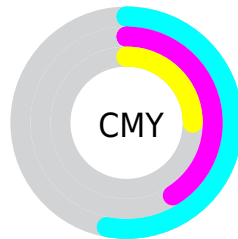
- Red (47%)
- Green (58%)
- Blue (75%)



- Red (47%)
- Yellow (55%)
- Blue (75%)



- Cyan (37%)
- Magenta (22%)
- Yellow (0%)
- Black (25%)



- Cyan (53%)
- Magenta (41%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 24.623, 269.609 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, 24.623, 269.609 by changing the saturation by 10% instead.

■ 61, 24.623,
269.609

■ 61, 24.623,
269.609

■ 100, 24.623,
269.609

■ 51, 24.623,
269.609

■ 81, 24.623,
269.609

■ 41, 24.623,
269.609

■ 91, 24.623,
269.609

■ 31, 24.623,
269.609

■ 21, 24.623,
269.609

■ 11, 24.623,
269.609

■ 1, 24.623, 269.609

■ 0, 24.623, 269.609

61, 24.623,
269.609

61, 24.623,
269.609

57, 31.241,
272.032

65, 18.011,
267.547

53, 37.882,
274.862

70, 11.406,
265.800

49, 44.579,
278.119

74, 4.815, 264.340

45, 51.385,
281.782

78, 1.749, 82.829

41, 58.354,
285.758

83, 8.277, 81.860

38, 65.509,
289.846

87, 14.755, 80.920

37, 67.464,
290.871

91, 21.176, 80.092

94, 24.961, 92.321

97, 29.428,
102.804

Harmonies

Complementary

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



61, 24.623, 269.609



68, 26.024, 78.445

Rectangle

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



61, 24.623, 269.609



61, 24.623, 319.609



61, 24.623, 89.609



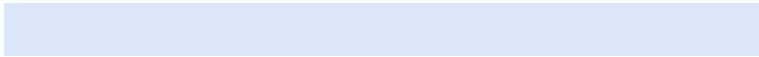
61, 24.623, 139.609

Sweetspot

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



61, 24.622, 269.608



91, 8.959, 264.868



72, 30.457, 163.695



48, 6.069, 265.067



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, 24.622, 269.608



73, 36.761, 271.619



53, 41.143, 297.057



38, 3.704, 264.611



31, 57.958, 290.261



3, 12.455, 274.002

Inverse Universe

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



58, 32.245, 352.013



70, 48.028, 353.254



75, 37.482, 109.612



37, 4.736, 348.829



33, 59.112, 8.828



3, 13.419, 356.085

Previews

White Background



This preview shows how the CIELCh color 61, 24.623, 269.609 looks on a white background.

Color Contrast Check

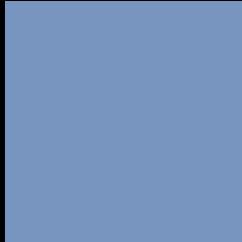
Large Text (above 18pt) WCAG AA ✓ Pass

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, 24.623, 269.609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

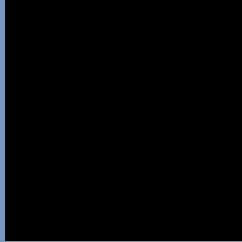
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

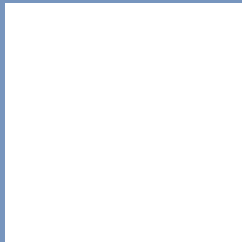
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 24.623, 269.609

Background



This preview shows how black text looks on a background with the CIELCh color 61, 24.623, 269.609.

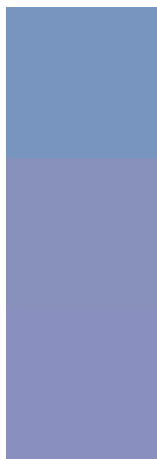


This preview shows how white text looks on a background with the CIELCh color 61, 24.623, 269.609.

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, 24.623, 269.609

Protanopia

61, 23.773, 285.450

Deuteranopia

61, 26.531, 288.035



Tritanopia
61, 15.375, 224.539

Trichromacy



Original Color
61, 24.623, 269.609

Protanomaly
61, 23.566, 278.852

Deuteranomaly
61, 25.652, 281.852

Tritanomaly
61, 17.543, 246.572

Monochromacy



Original Color
61, 24.623, 269.609

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 8.766, 263.788

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 24.623, 269.609 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(119, 149, 190)` looks like.

```
.text, #text, p{  
    color:rgb(119, 149, 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(119, 149, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 149, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 24.623, 269.609 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(119, 149, 190) }
```

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

```
.border{ border-color:rgb(119, 149, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 149, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 149, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 149, 190);  
box-shadow:4px 4px 4px 4px rgb(119, 149,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 24.623, 269.609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 149, 190) }
```

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

```
.background{ background-color: rgb(119,  
149, 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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