

Converting Colors

CIELCh(61, 23.772, 285.448)

Have a look what the booklet for
CIELCh(61, 23.772, 285.448)
contains.

CIELCh(61, 23.773, 285.450)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(61, 23.773, 285.450)

Conversions

Conversions Part 1

Format	Color
Hex	8891BB
RGB	136, 145, 187
RGB Percent	53%, 57%, 73%
CMY	0.4651, 0.4298, 0.2650
CMYK	0.27, 0.22, 0.00, 0.27
HSL	229°, 27%, 63%
HSV	229°, 27%, 73%
XYZ	29.4214, 29.2481, 51.3459
YIQ	147.0970, -18.8460, 11.1540

Conversions

Conversions Part 2

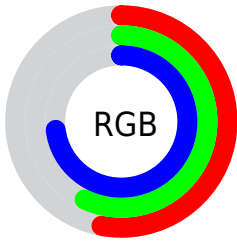
Format	Color
R_{YB}	136, 144, 187
Decimal	8950203
CIE _{Lab}	61.00, 6.33, -22.91
CIE _{LCh}	61, 23.773, 285.450
Yxy	29.2481, 0.2674, 0.2659
Android (android.graphics.Color)	4287140283 (0xFF8891BB)
YUV	147.0970, 19.6722, -9.7321
Hunter-Lab	54.0815, 2.4647, -18.4339

Details

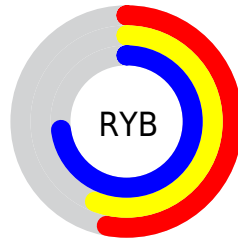
The CIELCh color $61, 23.773, 285.450$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $73, 22.933, 98.712$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 23.511, 285.005$, and $41, 23.800, 285.391$ is the 20% darker color. If you saturate the color by 10%, you get $55, 33.046, 287.229$, and if you desaturate by 10%, it is $67, 14.804, 283.927$.

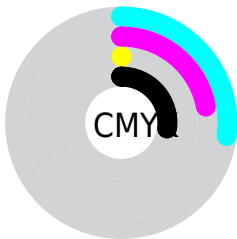
Distribution



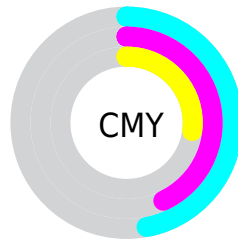
- Red (53%)
- Green (57%)
- Blue (73%)



- Red (53%)
- Yellow (56%)
- Blue (73%)



- Cyan (27%)
- Magenta (22%)
- Yellow (0%)
- Black (27%)



- Cyan (47%)
- Magenta (43%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 23.773, 285.450 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, 23.773, 285.450 by changing the saturation by 10% instead.

■ 61, 23.773,
285.450

■ 61, 23.773,
285.450

■ 100, 23.773,
285.450

■ 51, 23.773,
285.450

■ 81, 23.773,
285.450

■ 41, 23.773,
285.450

■ 91, 23.773,
285.450

■ 31, 23.773,
285.450

■ 21, 23.773,
285.450

■ 11, 23.773,
285.450

■ 1, 23.773, 285.450

■ 0, 23.773, 285.450

61, 23.773,
285.450

61, 23.773,
285.450

55, 33.046,
287.229

67, 14.804,
283.927

50, 42.655,
289.298

72, 6.117, 282.635

78, 2.310, 101.433

45, 52.616,
291.671

83, 10.493,
100.514

39, 62.908,
294.324

88, 18.447, 99.683

35, 73.386,
297.169

94, 26.184, 98.956

30, 83.654,
300.021

98, 33.265,
106.622

27, 92.936,
302.601

99, 33.986,
107.590

26, 95.229,

Harmonies

Complementary

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



61, 23.773, 285.450



73, 22.933, 98.712

Rectangle

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



61, 23.773, 285.450



61, 23.773, 335.450



61, 23.773, 105.450



61, 23.773, 155.450

Sweetspot

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



61, 23.772, 285.449



91, 8.432, 282.744



72, 18.726, 182.097



47, 6.003, 282.928



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, 23.772, 285.449



74, 36.176, 286.543



60, 29.521, 304.172



37, 4.843, 282.893



21, 83.091, 302.881



2, 15.256, 285.142

Inverse Universe

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



62, 21.025, 7.959



76, 32.120, 8.876



74, 28.017, 120.900



37, 4.201, 5.856



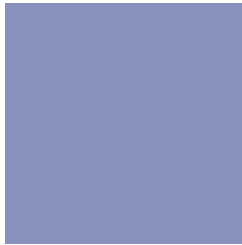
33, 65.615, 30.484



3, 12.472, 9.358

Previews

White Background



This preview shows how the CIELCh color 61, 23.773, 285.450 looks on a white background.

Color Contrast Check

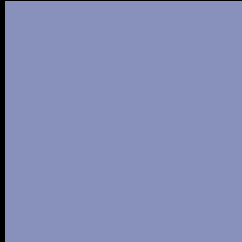
Large Text (above 18pt) WCAG AA ✓ Pass

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, 23.773, 285.450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

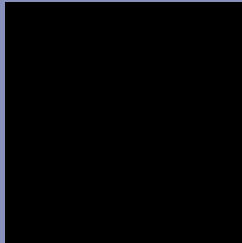
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 23.773, 285.450

Background



This preview shows how black text looks on a background with the CIELCh color 61, 23.773, 285.450.



This preview shows how white text looks on a background with the CIELCh color 61, 23.773, 285.450.

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

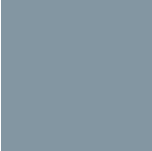
61, 23.773, 285.450

Protanopia

61, 23.773, 285.450

Deuteranopia

61, 24.806, 289.763



Tritanopia
61, 9.484, 244.591

Trichromacy



Original Color
61, 23.773, 285.450

Protanomaly
61, 23.773, 285.450

Deuteranomaly
61, 24.249, 288.028

Tritanomaly
61, 13.840, 269.148

Monochromacy



Original Color
61, 23.773, 285.450

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 8.496, 283.632

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 23.773, 285.450 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(136, 145, 187)` looks like.

```
.text, #text, p{  
    color:rgb(136, 145, 187)  
}
```

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(136, 145, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 145, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 23.773, 285.450 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(136, 145, 187) }
```

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

```
.border{ border-color:rgb(136, 145, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 145, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 145, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 145, 187);  
box-shadow:4px 4px 4px 4px rgb(136, 145,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 23.773, 285.450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 145, 187) }
```

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

```
.background{ background-color: rgb(136,  
145, 187) }
```

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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