

Converting Colors

CIELCh(61, 21.394, 268.074)

Have a look what the booklet for
CIELCh(61, 21.394, 268.074)
contains.

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Color

CIELCh(61, 21.685, 269.061)

Conversions

Conversions Part 1

Format	Color
Hex	7B95B9
RGB	123, 149, 185
RGB Percent	48%, 58%, 73%
CMY	0.5173, 0.4153, 0.2741
CMYK	0.33, 0.19, 0.00, 0.27
HSL	215°, 31%, 60%
HSV	215°, 33%, 73%
XYZ	27.7103, 29.2481, 50.1367
YIQ	145.3300, -27.0520, 5.6840

Conversions

Conversions Part 2

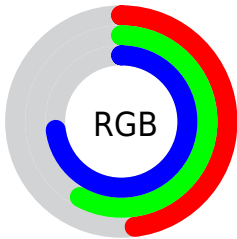
Format	Color
R_{YB}	123, 141, 185
Decimal	8099257
CIE _{Lab}	61.00, -0.36, -21.68
CIE _{LCh}	61, 21.685, 269.061
Yxy	29.2481, 0.2587, 0.2731
Android (android.graphics.Color)	4286289337 (0xFF7B95B9)
YUV	145.3300, 19.5573, -19.5834
Hunter-Lab	54.0815, -3.1830, -17.1081

Details

The CIELCh color $61, 21.685, 269.061$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $67, 22.744, 79.265$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 21.606, 268.986$, and $41, 21.951, 270.179$ is the 20% darker color. If you saturate the color by 10%, you get $57, 28.185, 271.330$, and if you desaturate by 10%, it is $65, 15.193, 267.131$.

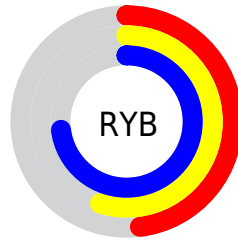
Distribution



Red (48%)

Green (58%)

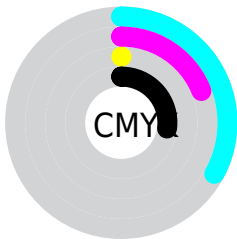
Blue (73%)



Red (48%)

Yellow (55%)

Blue (73%)

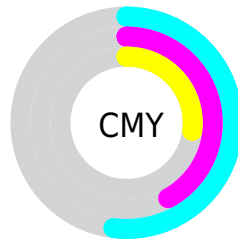


Cyan (33%)

Magenta (19%)

Yellow (0%)

Black (27%)



Cyan (52%)

Magenta (42%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 21.685, 269.061 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, 21.685, 269.061 by changing the saturation by 10% instead.

■ 61, 21.685,
269.061

■ 61, 21.685,
269.061

■ 100, 21.685,
269.061

■ 51, 21.685,
269.061

■ 81, 21.685,
269.061

■ 41, 21.685,
269.061

■ 91, 21.685,
269.061

■ 31, 21.685,
269.061

■ 21, 21.685,
269.061

■ 11, 21.685,
269.061

■ 1, 21.685, 269.061

■ 0, 21.685, 269.061

61, 21.685,
269.061

61, 21.685,
269.061

57, 28.185,
271.330

65, 15.193,
267.131

53, 34.704,
273.987

69, 8.715, 265.499

49, 41.269,
277.065

74, 2.259, 264.187

78, 4.166, 82.785

45, 47.923,
280.559

82, 10.547, 81.785

41, 54.721,
284.408

86, 16.874, 80.889

91, 23.139, 80.100

38, 61.697,
288.469

94, 26.753, 91.342

36, 66.336,
291.021

96, 30.985,
101.211

Harmonies

Complementary

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



61, 21.685, 269.061



67, 22.744, 79.265

Rectangle

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



61, 21.685, 269.061



61, 21.685, 319.061



61, 21.685, 89.061



61, 21.685, 139.061

Sweetspot

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



61, 21.684, 269.059



89, 7.963, 265.016



70, 26.872, 164.154



47, 5.430, 265.214



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



61, 21.684, 269.059



74, 31.968, 270.646



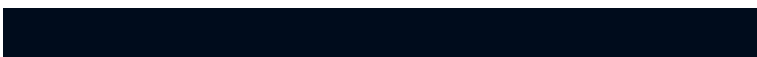
54, 35.820, 296.495



37, 3.632, 264.901



30, 57.516, 290.439



3, 10.992, 273.079

Inverse Universe

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



59, 28.224, 351.692



71, 41.634, 352.674



74, 33.015, 109.937



36, 4.621, 349.014



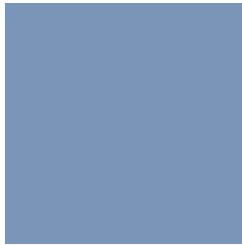
33, 58.422, 9.052



2, 11.720, 355.347

Previews

White Background



This preview shows how the CIELCh color 61, 21.685, 269.061 looks on a white background.

Color Contrast Check

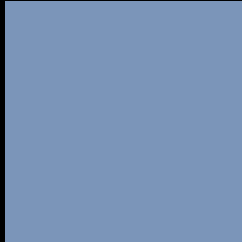
Large Text (above 18pt) WCAG AA ✓ Pass

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, 21.685, 269.061 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

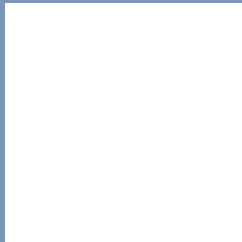
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 21.685, 269.061

Background



This preview shows how black text looks on a background with the CIELCh color 61, 21.685, 269.061.

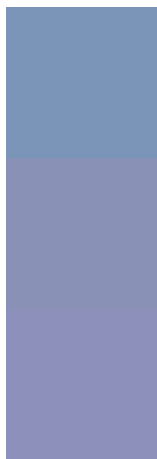


This preview shows how white text looks on a background with the CIELCh color 61, 21.685, 269.061.

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, 21.685, 269.061

Protanopia

61, 20.930, 285.877

Deuteranopia

61, 23.676, 290.293



Tritanopia
61, 13.720, 228.143

Trichromacy



Original Color
61, 21.685, 269.061

Protanomaly
61, 21.173, 280.455

Deuteranomaly
61, 22.763, 282.426

Tritanomaly
61, 15.395, 246.003

Monochromacy



Original Color
61, 21.685, 269.061

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 8.489, 268.184

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 21.685, 269.061 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(123, 149, 185)` looks like.

```
.text, #text, p{  
    color:rgb(123, 149, 185)  
}
```

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(123, 149, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 149, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 21.685, 269.061 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(123, 149, 185) }
```

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

```
.border{ border-color:rgb(123, 149, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 149, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 149, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 149, 185); box-shadow:4px 4px 4px 4px rgb(123, 149, 185) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 21.685, 269.061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 149, 185) }
```

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

```
.background{ background-color: rgb(123,  
149, 185) }
```

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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