

Converting Colors

CIELCh(61, 21.183, 268.332)

Have a look what the booklet for
CIELCh(61, 21.183, 268.332)
contains.

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Color

CIELCh(61, 21.183, 268.332)

Conversions

Conversions Part 1

Format	Color
Hex	7B95B8
RGB	123, 149, 184
RGB Percent	48%, 58%, 72%
CMY	0.5169, 0.4149, 0.2777
CMYK	0.33, 0.19, 0.00, 0.28
HSL	214°, 30%, 60%
HSV	214°, 33%, 72%
XYZ	27.6448, 29.2481, 49.6435
YIQ	145.2160, -26.7310, 5.3730

Conversions

Conversions Part 2

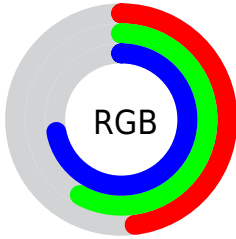
Format	Color
RYB	123, 141, 184
Decimal	8099256
CIELab	61.00, -0.62, -21.17
CIElCh	61, 21.183, 268.332
Yxy	29.2481, 0.2595, 0.2745
Android (android.graphics.Color)	4286289336 (0xFF7B95B8)
YUV	145.2160, 19.1205, -19.4834
Hunter-Lab	54.0815, -3.3990, -16.5674

Details

The CIELCh color **61, 21.183, 268.332** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **67, 22.283, 78.671**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 21.128, 268.332**, and **41, 21.414, 269.358** is the 20% darker color. If you saturate the color by 10%, you get **57, 27.586, 270.590**, and if you desaturate by 10%, it is **65, 14.779, 266.412**.

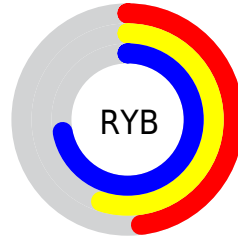
Distribution



Red (48%)

Green (58%)

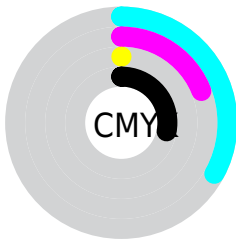
Blue (72%)



Red (48%)

Yellow (55%)

Blue (72%)

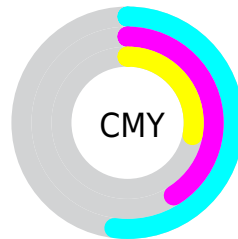


Cyan (33%)

Magenta (19%)

Yellow (0%)

Black (28%)



Cyan (52%)


Magenta (41%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 21.183, 268.332 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, 21.183, 268.332 by changing the saturation by 10% instead.


 61, 21.183,
268.332


 61, 21.183,
268.332


 100, 21.183,
268.332


 51, 21.183,
268.332


 81, 21.183,
268.332

 41, 21.183,
268.332

 91, 21.183,
268.332

 31, 21.183,
268.332

 21, 21.183,
268.332

 11, 21.183,
268.332

 1, 21.183, 268.332

 0, 21.183, 268.332

61, 21.183,
268.332

61, 21.183,
268.332

57, 27.586,
270.590

65, 14.779,
266.412

53, 33.997,
273.240

69, 8.379, 264.790

49, 40.440,
276.311

74, 1.995, 263.504

78, 4.364, 82.093

45, 46.958,
279.806

82, 10.684, 81.098

42, 53.608,
283.667

86, 16.956, 80.208

90, 23.169, 79.425

38, 60.432,
287.755

93, 26.733, 90.149

36, 65.242,
290.487

96, 30.791,
100.075

Harmonies

Complementary

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



61, 21.183, 268.332



67, 22.283, 78.671

Rectangle

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



61, 21.183, 268.332



61, 21.183, 318.332



61, 21.183, 88.332



61, 21.183, 138.332

Sweetspot

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



61, 21.182, 268.330



89, 7.909, 264.365



70, 26.477, 164.199



47, 5.393, 264.562



97, 0.011, 296.813



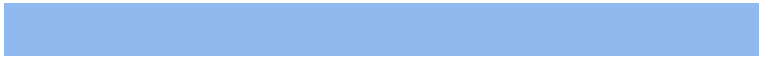
50, 0.007, 296.813

Same Dimension

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



61, 21.182, 268.330



74, 31.695, 270.002



54, 35.247, 296.441



37, 3.608, 264.250



30, 56.796, 289.914



3, 10.926, 272.650

Inverse Universe

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



59, 27.889, 351.210



71, 41.771, 352.231



73, 32.524, 109.969



36, 4.641, 348.601



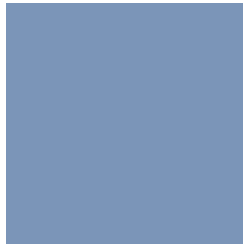
33, 58.393, 8.395



2, 11.757, 354.967

Previews

White Background



This preview shows how the CIELCh color 61, 21.183, 268.332 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, 21.183, 268.332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

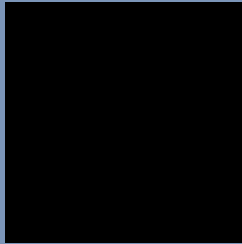
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

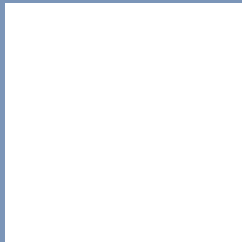
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 21.183, 268.332

Background



This preview shows how black text looks on a background with the CIELCh color 61, 21.183, 268.332.

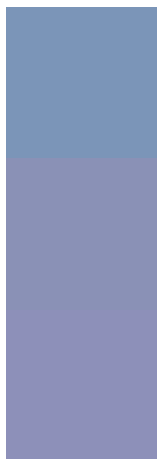


This preview shows how white text looks on a background with the CIELCh color 61, 21.183, 268.332.

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, 21.183, 268.332

Protanopia

61, 20.930, 285.877

Deuteranopia

61, 23.116, 290.166



Tritanopia
61, 13.443, 228.837

Trichromacy



Original Color
61, 21.183, 268.332

Protanomaly
61, 20.666, 279.110

Deuteranomaly
61, 22.166, 282.919

Tritanomaly
61, 15.182, 246.891

Monochromacy



Original Color
61, 21.183, 268.332

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 7.624, 262.079

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 21.183, 268.332 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(123, 149, 184)  
}
```

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, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 149, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 21.183, 268.332 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, 184) }
```

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

```
.border{ border-color:rgb(123, 149, 184) }
```

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, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 149, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 149, 184);  
box-shadow:4px 4px 4px 4px rgb(123, 149,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 21.183, 268.332 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, 184) }
```

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

```
.background{ background-color: rgb(123,  
149, 184) }
```

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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