

Converting Colors

CIELCh(61, 18.387, 266.240)

Have a look what the booklet for
CIELCh(61, 18.387, 266.240)
contains.

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Color

CIELCh(61, 18.335, 266.859)

Conversions

Conversions Part 1

Format	Color
Hex	7E95B3
RGB	126, 149, 179
RGB Percent	49%, 58%, 70%
CMY	0.5053, 0.4151, 0.2974
CMYK	0.30, 0.17, 0.00, 0.30
HSL	214°, 26%, 60%
HSV	214°, 30%, 70%
XYZ	27.5478, 29.2481, 46.9214
YIQ	145.5430, -23.3380, 4.4540

Conversions

Conversions Part 2

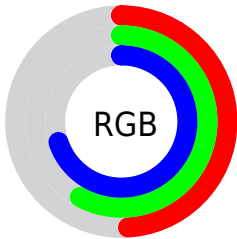
Format	Color
RYB	126, 142, 179
Decimal	8295859
CIELab	61.00, -1.00, -18.31
CIELCh	61, 18.335, 266.859
Yxy	29.2481, 0.2656, 0.2820
Android (android.graphics.Color)	4286485939 (0xFF7E95B3)
YUV	145.5430, 16.4943, -17.1392
Hunter-Lab	54.0815, -3.7192, -13.5832

Details

The CIELCh color $61, 18.335, 266.859$ is a light color, and the websafe version is hex `6699CC`. A complement of this color would be $66, 19.242, 78.409$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 18.397, 267.286$, and $41, 18.421, 267.236$ is the 20% darker color. If you saturate the color by 10%, you get $57, 24.521, 268.988$, and if you desaturate by 10%, it is $65, 12.138, 265.051$.

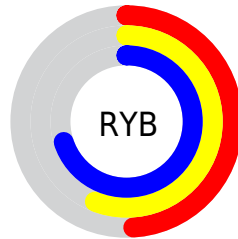
Distribution



Red (49%)

Green (58%)

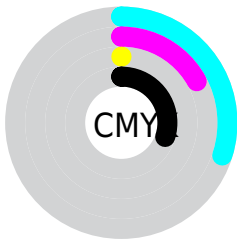
Blue (70%)



Red (49%)

Yellow (56%)

Blue (70%)

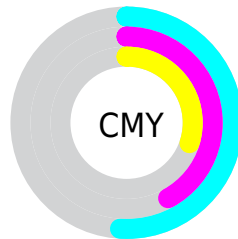


Cyan (30%)

Magenta (17%)

Yellow (0%)

Black (30%)



Cyan (51%)


Magenta (42%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 18.335, 266.859 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, 18.335, 266.859 by changing the saturation by 10% instead.


 61, 18.335,
266.859


 61, 18.335,
266.859


 100, 18.335,
266.859


 51, 18.335,
266.859


 81, 18.335,
266.859

 41, 18.335,
266.859

 91, 18.335,
266.859

 31, 18.335,
266.859

 21, 18.335,
266.859

 11, 18.335,
266.859

 1, 18.335, 266.859

 0, 18.335, 266.859

61, 18.335,
266.859

61, 18.335,
266.859

57, 24.521,
268.988

65, 12.138,
265.051

53, 30.699,
271.493

69, 5.940, 263.532

49, 36.885,
274.414

73, 0.248, 80.990

46, 43.113,
277.768

77, 6.412, 80.985

42, 49.437,
281.523

81, 12.542, 80.027

39, 55.913,
285.575

85, 18.625, 79.180

35, 62.578,
289.639

89, 24.653, 78.435

35, 62.858,

92, 28.041, 87.853

95, 31.697, 97.376

289.795

Harmonies

Complementary

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



61, 18.335, 266.859



66, 19.242, 78.409

Rectangle

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



61, 18.335, 266.859



61, 18.335, 316.859



61, 18.335, 86.859



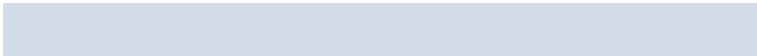
61, 18.335, 136.859

Sweetspot

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



61, 18.334, 266.857



87, 6.881, 263.473



69, 23.519, 163.656



46, 4.820, 263.672



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



61, 18.334, 266.857



74, 27.523, 268.316



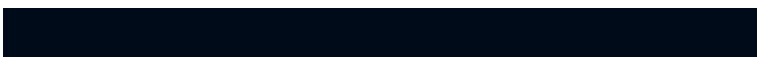
55, 30.543, 295.400



36, 3.498, 263.495



30, 55.227, 289.242



3, 9.320, 270.915

Inverse Universe

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



59, 24.410, 350.282



71, 36.758, 351.165



72, 28.463, 109.546



35, 4.556, 348.134



32, 57.666, 7.575



2, 10.245, 353.511

Previews

White Background



This preview shows how the CIELCh color 61, 18.335, 266.859 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, 18.335, 266.859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

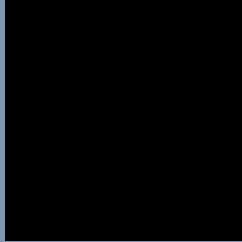
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

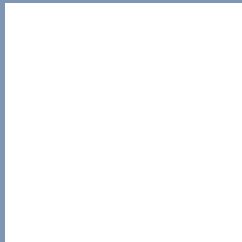
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 18.335, 266.859

Background



This preview shows how black text looks on a background with the CIELCh color 61, 18.335, 266.859.



This preview shows how white text looks on a background with the CIELCh color 61, 18.335, 266.859.

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, 18.335, 266.859

Protanopia

61, 17.534, 285.215

Deuteranopia

61, 20.303, 292.406



Tritanopia
61, 12.075, 232.846

Trichromacy



Original Color
61, 18.335, 266.859

Protanomaly
61, 17.821, 278.622

Deuteranomaly
61, 19.274, 284.031

Tritanomaly
61, 13.966, 249.126

Monochromacy



Original Color
61, 18.335, 266.859

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 6.812, 265.098

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 18.335, 266.859 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(126, 149, 179)` looks like.

```
.text, #text, p{  
    color:rgb(126, 149, 179)  
}
```

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(126, 149, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 149, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 18.335, 266.859 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(126, 149, 179) }
```

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

```
.border{ border-color:rgb(126, 149, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 149, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 149, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 149, 179);  
box-shadow:4px 4px 4px 4px rgb(126, 149,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 18.335, 266.859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 149, 179) }
```

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

```
.background{ background-color: rgb(126,  
149, 179) }
```

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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