

Converting Colors

CIELCh(61, 16.914, 264.796)

Have a look what the booklet for
CIELCh(61, 16.914, 264.796)
contains.

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Color

CIELCh(61, 17.217, 266.000)

Conversions

Conversions Part 1

Format	Color
Hex	7F95B1
RGB	127, 149, 177
RGB Percent	50%, 58%, 69%
CMY	0.5013, 0.4151, 0.3053
CMYK	0.28, 0.16, 0.00, 0.31
HSL	214°, 24%, 60%
HSV	214°, 28%, 69%
XYZ	27.4988, 29.2481, 45.8741
YIQ	145.6140, -22.1000, 4.0440

Conversions

Conversions Part 2

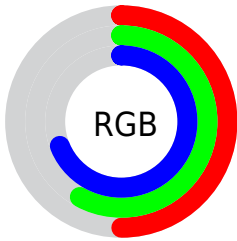
Format	Color
RYB	127, 142, 177
Decimal	8361393
CIELab	61.00, -1.20, -17.18
CIELCh	61, 17.217, 266.000
Yxy	29.2481, 0.2680, 0.2850
Android (android.graphics.Color)	4286551473 (0xFF7F95B1)
YUV	145.6140, 15.4733, -16.3245
Hunter-Lab	54.0815, -3.8810, -12.4350

Details

The CIELCh color `61, 17.217, 266.000` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `65, 18.072, 78.009`, and the grayscale version is `60, 0.008, 296.813`.

A 20% lighter version of the original color is `81, 17.326, 266.626`, and `41, 17.244, 266.088` is the 20% darker color. If you saturate the color by 10%, you get `57, 23.293, 268.081`, and if you desaturate by 10%, it is `65, 11.122, 264.234`.

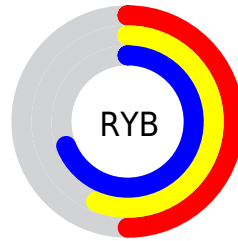
Distribution



Red (50%)

Green (58%)

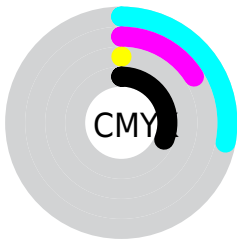
Blue (69%)



Red (50%)

Yellow (56%)

Blue (69%)

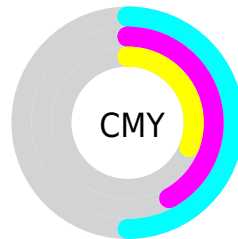


Cyan (28%)

Magenta (16%)

Yellow (0%)

Black (31%)



Cyan (50%)

Magenta (42%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 17.217, 266.000 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, 17.217, 266.000 by changing the saturation by 10% instead.

■ 61, 17.217,
266.000

■ 61, 17.217,
266.000

■ 100, 17.217,
266.000

■ 51, 17.217,
266.000

■ 81, 17.217,
266.000

■ 41, 17.217,
266.000

■ 91, 17.217,
266.000

■ 31, 17.217,
266.000

■ 21, 17.217,
266.000

■ 11, 17.217,
266.000

■ 1, 17.217, 266.000

■ 0, 17.217, 266.000

61, 17.217,
266.000

61, 17.217,
266.000

57, 23.293,
268.081

65, 11.122,
264.234

53, 29.353,
270.534

69, 5.021, 262.757

49, 35.406,
273.401

73, 1.073, 81.136

77, 7.148, 80.260

46, 41.485,
276.703

81, 13.191, 79.319

42, 47.641,
280.420

85, 19.191, 78.490

89, 25.139, 77.760

39, 53.934,
284.461

92, 28.457, 86.593

36, 60.407,
288.595

94, 31.910, 95.984

35, 61.582,

Harmonies

Complementary

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



61, 17.217, 266.000



65, 18.072, 78.009

Rectangle

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



61, 17.217, 266.000



61, 17.217, 316.000



61, 17.217, 86.000



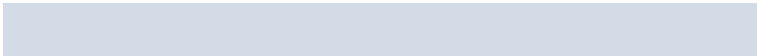
61, 17.217, 136.000

Sweetspot

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



61, 17.216, 265.997



87, 6.028, 262.745



68, 22.262, 163.807



46, 4.279, 262.944



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



61, 17.216, 265.997



74, 25.582, 267.281



55, 28.791, 295.212



36, 3.478, 262.905



30, 54.606, 288.755



3, 9.272, 270.514

Inverse Universe

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



59, 23.132, 349.747



71, 34.499, 350.520



71, 26.932, 109.667



35, 4.573, 347.776



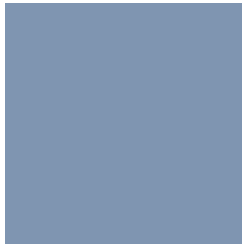
32, 57.658, 6.997



2, 10.274, 353.181

Previews

White Background



This preview shows how the CIELCh color 61, 17.217, 266.000 looks on a white background.

Color Contrast Check

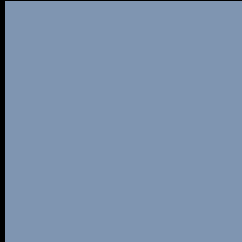
Large Text (above 18pt) WCAG AA ✓ Pass

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, 17.217, 266.000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

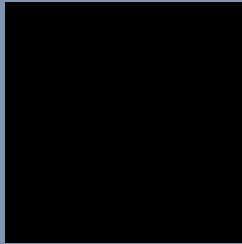
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

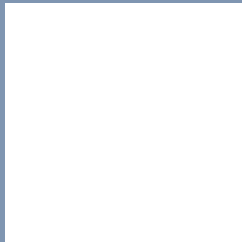
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 17.217, 266.000

Background



This preview shows how black text looks on a background with the CIELCh color 61, 17.217, 266.000.



This preview shows how white text looks on a background with the CIELCh color 61, 17.217, 266.000.

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, 17.217, 266.000

Protanopia

61, 16.387, 285.794

Deuteranopia

61, 19.202, 294.386



Tritanopia
61, 11.839, 237.137

Trichromacy



Original Color
61, 17.217, 266.000

Protanomaly
61, 16.666, 278.662

Deuteranomaly
61, 18.125, 284.425

Tritanomaly
61, 13.568, 251.297

Monochromacy



Original Color
61, 17.217, 266.000

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 6.314, 262.747

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 17.217, 266.000 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(127, 149, 177)` looks like.

```
.text, #text, p{  
    color:rgb(127, 149, 177)  
}
```

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(127, 149, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 149, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 17.217, 266.000 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(127, 149, 177) }
```

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

```
.border{ border-color:rgb(127, 149, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 149, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 149, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 149, 177);  
box-shadow:4px 4px 4px 4px rgb(127, 149,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 17.217, 266.000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 149, 177) }
```

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

```
.background{ background-color: rgb(127,  
149, 177) }
```

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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