Converting Colors

CIELCh(61, 21.117, 188.236)

Have a look what the booklet for CIELCh(61, 21.117, 188.236) contains.

Color

CIELCh(61, 21.109, 188.253)

Conversions

Conversions Part 1

Format	Color
Hex	629E98
RGB	98, 158, 152
RGB Percent	38%, 62%, 60%
CMY	0.6163, 0.3810, 0.4045
CMYK	0.38, 0.00, 0.04, 0.38
HSL	174°, 24%, 50%
HSV	174°, 38%, 62%
XYZ	22.8736, 29.2481, 34.0770
YIQ	139.3760, -33.8340, -14.5860

Conversions

Conversions Part 2

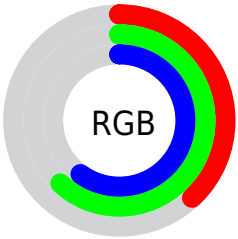
Format	Color
RYB	98, 130, 158
Decimal	6463128
CIELab	61.00, -20.89, -3.03
CIELCh	61, 21.109, 188.253
Yxy	29.2481, 0.2654, 0.3393
Android (android.graphics.Color)	4284653208 (0xFF629E98)
YUV	139.3760, 6.2236, -36.2868
Hunter-Lab	54.0815, -19.1466, 0.4982

Details

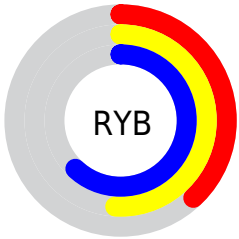
The CIELCh color 61, 21.109, 188.253 is a dark color, and the websafe version is hex 669999. A complement of this color would be 48, 26.040, 15.336, and the grayscale version is 58, 0.007, 296.813.

A 20% lighter version of the original color is 81, 21.331, 187.784, and 41, 20.945, 188.525 is the 20% darker color. If you saturate the color by 10%, you get 60, 25.618, 187.439, and if you desaturate by 10%, it is 62, 16.076, 189.043.

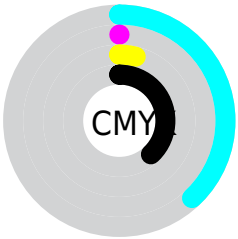
Distribution



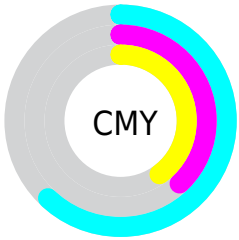
- Red (38%)
- Green (62%)
- Blue (60%)



- Red (38%)
- Yellow (51%)
- Blue (62%)



- Cyan (38%)
- Magenta (0%)
- Yellow (4%)
- Black (38%)



- Cyan (62%)
- Magenta (38%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 21.109, 188.253 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, 21.109, 188.253 by changing the saturation by 10% instead.

61, 21.109, 188.253

100, 21.109, 188.253

81, 21.109, 188.253

91, 21.109, 188.253

61, 21.109, 188.253

51, 21.109, 188.253

41, 21.109, 188.253

31, 21.109, 188.253

21, 21.109, 188.253

11, 21.109, 188.253

1, 21.109, 188.253

0, 21.109, 188.253

61, 21.109, 188.253

60, 25.618, 187.439

60, 29.513, 186.597

59, 32.726, 185.711

59, 35.221, 184.765

59, 37.004, 183.741

58, 38.193, 182.641

58, 38.412, 182.424

61, 21.109, 188.253

62, 16.076, 189.043

63, 10.613, 189.828

64, 4.818, 190.638

65, 1.219, 10.927

67, 7.419, 11.977

68, 13.716, 12.739

70, 20.055, 13.473

72, 26.394, 14.191

73, 32.701, 14.894

Harmonies

Complementary

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

61, 21.109, 188.253

48, 26.040, 15.336

Rectangle

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

61, 21.109, 188.253

61, 21.109, 238.253

61, 21.109, 8.253

61, 21.109, 58.253

Sweetspot

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

61, 21.109, 188.250

80, 8.106, 190.371

60, 39.468, 138.937

42, 5.421, 190.270

91, 0.011, 296.813

43, 0.006, 296.813

Same Dimension

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

61, 21.109, 188.250

76, 30.399, 187.533

54, 17.743, 247.239

33, 3.398, 190.533

53, 35.665, 182.532

3, 4.551, 189.489

Inverse Universe

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

48, 26.040, 15.336

57, 39.635, 16.927

54, 21.338, 58.396

31, 3.560, 11.827

29, 63.677, 34.862

1, 4.523, 11.565

Previews

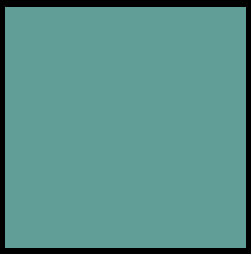
White Background

This preview shows how the CIELCh color 61, 21.109, 188.253 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



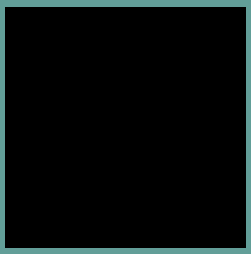
This preview shows how the CIELCh color 61, 21.109, 188.253 looks on a black background.

Color Contrast Check

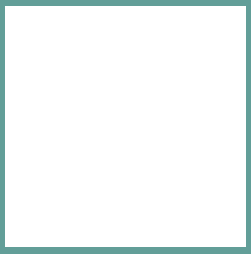
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

CIELCh 61, 21.109, 188.253 Background



This preview shows how black text looks on a background with the CIELCh color 61, 21.109, 188.253.



This preview shows how white text looks on a background with the CIELCh color 61, 21.109, 188.253.

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, 21.109, 188.253

Protanopia
61, 1.289, 44.974

Deuteranopia
61, 9.358, 328.832

Tritanopia
61, 18.749, 221.183

Trichromacy

Original Color
61, 21.109, 188.253

Protanomaly
60, 7.751, 186.091

Deuteranomaly
60, 5.838, 234.604

Tritanomaly
61, 19.007, 208.134

Monochromacy

Original Color
61, 21.109, 188.253

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 8.365, 190.834

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 21.109, 188.253 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(98, 158, 152) looks like.

```
.text, #text, p{
    color:rgb(98, 158, 152)
}
```

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(98, 158, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 158, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 21.109, 188.253 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(98, 158, 152) }
```

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

```
.border{ border-color:rgb(98, 158, 152) }
```

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

Here you see how a box with a 4 pixel rgb(98, 158, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(98, 158, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(98, 158, 152); box-shadow:4px 4px 4px 4px rgb(98, 158, 152) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 21.109, 188.253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(98, 158, 152) }
```

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

```
.background{ background-color:rgb(98, 158,
152) }
```

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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