

Converting Colors

CIELCh(61, 20.444, 301.359)

Have a look what the booklet for
CIELCh(61, 20.444, 301.359)
contains.

CIELCh(61, 20.630, 301.308)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(61, 20.630, 301.308)

Conversions

Conversions Part 1

Format	Color
Hex	978EB2
RGB	151, 142, 178
RGB Percent	59%, 56%, 70%
CMY	0.4068, 0.4422, 0.3009
CMYK	0.15, 0.20, 0.00, 0.30
HSL	255°, 19%, 63%
HSV	255°, 20%, 70%
XYZ	30.5812, 29.2481, 46.2893
YIQ	148.7950, -6.1920, 13.1040

Conversions

Conversions Part 2

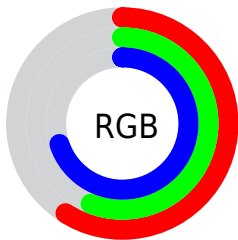
Format	Color
RYB	151, 142, 178
Decimal	9932466
CIELab	61.00, 10.72, -17.63
CIELCh	61, 20.630, 301.308
Yxy	29.2481, 0.2882, 0.2756
Android (android.graphics.Color)	4288122546 (0xFF978EB2)
YUV	148.7950, 14.3981, 1.9338
Hunter-Lab	54.0815, 6.2926, -12.8902

Details

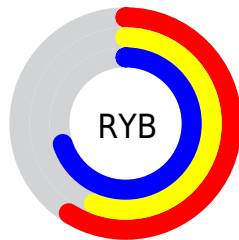
The CIELCh color `61, 20.630, 301.308` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `71, 19.803, 118.660`, and the grayscale version is `62, 0.008, 296.813`.

A 20% lighter version of the original color is `81, 20.524, 300.549`, and `41, 20.358, 301.488` is the 20% darker color. If you saturate the color by 10%, you get `55, 31.403, 302.149`, and if you desaturate by 10%, it is `67, 10.230, 300.565`.

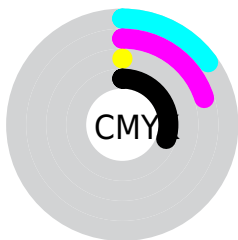
Distribution



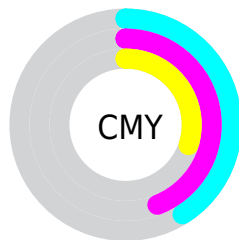
- Red (59%)
- Green (56%)
- Blue (70%)



- Red (59%)
- Yellow (56%)
- Blue (70%)



- Cyan (15%)
- Magenta (20%)
- Yellow (0%)
- Black (30%)



- Cyan (41%)
- Magenta (44%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 20.630, 301.308 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, 20.630, 301.308 by changing the saturation by 10% instead.

■ 61, 20.630,
301.308

■ 61, 20.630,
301.308

■ 100, 20.630,
301.308

■ 51, 20.630,
301.308

■ 81, 20.630,
301.308

■ 41, 20.630,
301.308

■ 91, 20.630,
301.308

■ 31, 20.630,
301.308

■ 21, 20.630,
301.308

■ 11, 20.630,
301.308

■ 1, 20.630, 301.308

■ 0, 20.630, 301.308

61, 20.630,
301.308

61, 20.630,
301.308

55, 31.403,
302.149

67, 10.230,
300.565

49, 42.530,
303.090

73, 0.205, 299.787

78, 9.460, 119.364

44, 53.929,
304.117

84, 18.786,
118.879

38, 65.407,
305.190

90, 27.792,
118.461

33, 76.563,
306.229

95, 36.498,
118.102

29, 86.673,
307.099

98, 38.725,
113.030

25, 94.658,
307.610

98, 38.501,
107.241

23, 100.033,

Harmonies

Complementary

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



61, 20.630, 301.308



71, 19.803, 118.660

Rectangle

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



61, 20.630, 301.308



61, 20.630, 351.308



61, 20.630, 121.308



61, 20.630, 171.308

Sweetspot

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



61, 20.628, 301.307



88, 7.405, 300.287



68, 10.629, 226.698



46, 4.957, 300.330



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, 20.628, 301.307



75, 30.603, 301.649



63, 22.559, 318.149



35, 5.678, 300.504



19, 89.253, 307.854



1, 13.457, 297.725

Inverse Universe

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



63, 20.318, 333.655



78, 29.940, 333.952



70, 22.285, 136.358



35, 5.670, 332.906



34, 65.354, 341.118



2, 12.736, 336.134

Previews

White Background



This preview shows how the CIELCh color 61, 20.630, 301.308 looks on a white background.

Color Contrast Check

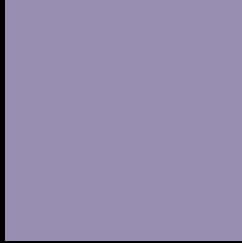
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.630, 301.308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

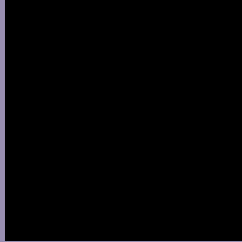
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 20.630, 301.308

Background



This preview shows how black text looks on a background with the CIELCh color 61, 20.630, 301.308.



This preview shows how white text looks on a background with the CIELCh color 61, 20.630, 301.308.

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, 20.630, 301.308

Protanopia
61, 19.792, 285.324

Deuteranopia
61, 19.202, 294.386



Tritanopia
61, 6.257, 297.787

Trichromacy



Original Color
61, 20.630, 301.308

Protanomaly
61, 19.717, 290.312

Deuteranomaly
61, 19.865, 297.448

Tritanomaly
61, 11.395, 298.857

Monochromacy



Original Color
61, 20.630, 301.308

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 7.418, 299.703

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 20.630, 301.308 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(151, 142, 178)` looks like.

```
.text, #text, p{  
    color:rgb(151, 142, 178)  
}
```

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(151, 142, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 142, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 20.630, 301.308 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(151, 142, 178) }
```

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

```
.border{ border-color:rgb(151, 142, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 142, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 142, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 142, 178);  
box-shadow:4px 4px 4px 4px rgb(151, 142,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 20.630, 301.308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 142, 178) }
```

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

```
.background{ background-color: rgb(151,  
142, 178) }
```

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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