

Converting Colors

CIELCh(61, 51.723, 271.166)

Have a look what the booklet for
CIELCh(61, 51.723, 271.166)
contains.

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Color

CIELCh(61, 51.287, 270.760)

Conversions

Conversions Part 1

Format	Color
Hex	3498EE
RGB	52, 152, 238
RGB Percent	20%, 60%, 93%
CMY	0.7978, 0.4049, 0.0678
CMYK	0.78, 0.36, 0.00, 0.07
HSL	208°, 84%, 57%
HSV	208°, 78%, 93%
XYZ	27.9708, 29.2481, 84.8427
YIQ	131.9040, -87.2060, 5.5460

Conversions

Conversions Part 2

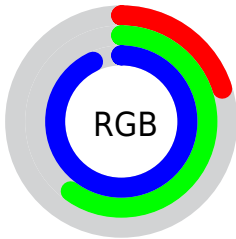
Format	Color
R_{YB}	52, 117, 238
Decimal	3447022
CIE _{Lab}	61.00, 0.68, -51.28
CIE _{LCh}	61, 51.287, 270.760
Yxy	29.2481, 0.1969, 0.2059
Android (android.graphics.Color)	4281637102 (0xFF3498EE)
YUV	131.9040, 52.3053, -70.0758
Hunter-Lab	54.0815, -2.3232, -55.1566

Details

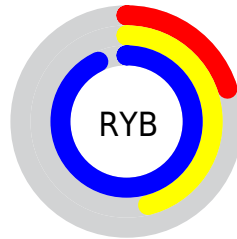
The CIELCh color **61, 51.287, 270.760** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **67, 67.612, 61.696**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 33.715, 249.729**, and **43, 49.000, 277.011** is the 20% darker color. If you saturate the color by 10%, you get **57, 57.216, 275.308**, and if you desaturate by 10%, it is **65, 45.353, 266.670**.

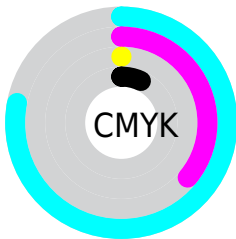
Distribution



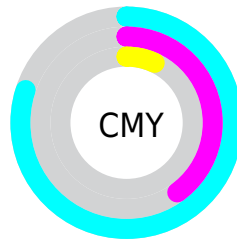
- Red (20%)
- Green (60%)
- Blue (93%)



- Red (20%)
- Yellow (46%)
- Blue (93%)



- Cyan (78%)
- Magenta (36%)
- Yellow (0%)
- Black (7%)





- Cyan (80%)
- Magenta (40%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 51.287, 270.760 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, 51.287, 270.760 by changing the saturation by 10% instead.


 61, 51.287,
270.760


 61, 51.287,
270.760


 100, 51.287,
270.760


 51, 51.287,
270.760


 81, 51.287,
270.760

 41, 51.287,
270.760

 91, 51.287,
270.760

 31, 51.287,
270.760

 21, 51.287,
270.760

 11, 51.287,
270.760

 1, 51.287, 270.760

 0, 51.287, 270.760

■ 61, 51.287,
270.760

■ 61, 51.287,
270.760

■ 57, 57.216,
275.308

■ 65, 45.353,
266.670

■ 54, 63.290,
280.098

■ 69, 39.296,
263.113

■ 54, 64.349,
280.875

■ 73, 33.043,
260.092

■ 77, 26.565,
257.560

■ 81, 19.869,
255.453

■ 86, 12.984,
253.707

■ 90, 5.946, 252.282

■ 95, 1.207, 70.601

Harmonies

Complementary

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



61, 51.287, 270.760



67, 67.612, 61.696

Rectangle

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



61, 51.287, 270.760



61, 51.287, 320.760



61, 51.287, 90.760



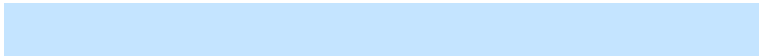
61, 51.287, 140.760

Sweetspot

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



61, 51.286, 270.761



89, 17.183, 254.500



84, 76.516, 151.071



46, 11.848, 255.152



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 51.286, 270.761



59, 64.179, 278.205



38, 104.477, 302.336



48, 4.089, 252.431



42, 52.207, 280.035



11, 19.996, 272.000

Inverse Universe

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



55, 76.152, 352.088



56, 84.888, 356.988



89, 81.086, 100.677



47, 6.225, 342.376



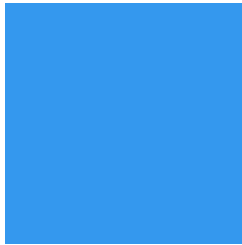
40, 66.775, 358.402



8, 29.841, 352.681

Previews

White Background



This preview shows how the CIE LCh color 61, 51.287, 270.760 looks on a white background.

Color Contrast Check

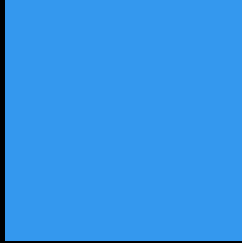
Large Text (above 18pt) WCAG AA ✓ Pass

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, 51.287, 270.760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

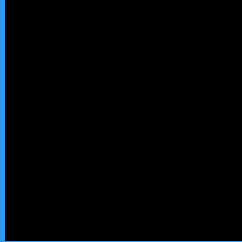
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

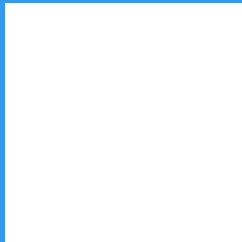
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 51.287, 270.760

Background



This preview shows how black text looks on a background with the CIELCh color 61, 51.287, 270.760.

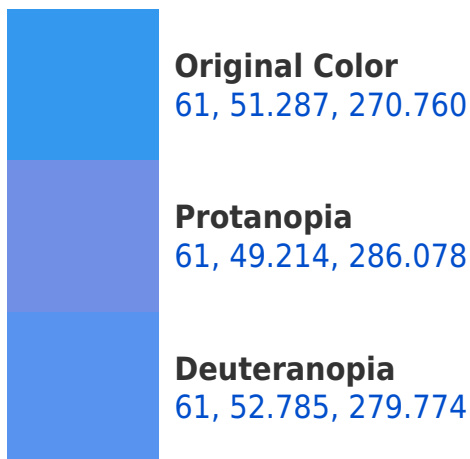


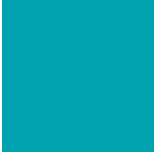
This preview shows how white text looks on a background with the CIELCh color 61, 51.287, 270.760.

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





Tritanopia
61, 34.437, 209.105

Trichromacy



Original Color
61, 51.287, 270.760

Protanomaly
60, 50.066, 279.301

Deuteranomaly
61, 52.293, 276.247

Tritanomaly
60, 35.820, 236.963

Monochromacy



Original Color
61, 51.287, 270.760

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 20.818, 257.720

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 51.287, 270.760 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(52, 152, 238)` looks like.

```
.text, #text, p{  
    color:rgb(52, 152, 238)  
}
```

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(52, 152, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 152, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 51.287, 270.760 is called "border". The border property can be set on classes, ids or directly on the HTML element.

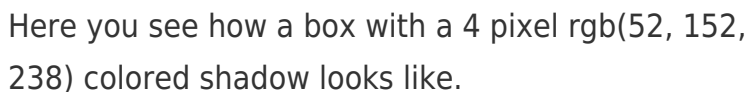
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(52, 152, 238) }
```

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

```
.border{ border-color:rgb(52, 152, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(52, 152, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 152, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 152, 238);  
box-shadow:4px 4px 4px 4px rgb(52, 152,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 51.287, 270.760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 152, 238) }
```

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

```
.background{ background-color: rgb(52, 152,  
238) }
```

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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