

Converting Colors

CIELCh(61, 36.821, 247.685)

Have a look what the booklet for
CIELCh(61, 36.821, 247.685)
contains.

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Color

CIELCh(61, 36.954, 248.176)

Conversions

Conversions Part 1

Format	Color
Hex	2E9DCF
RGB	46, 157, 207
RGB Percent	18%, 62%, 81%
CMY	0.8188, 0.3839, 0.1878
CMYK	0.78, 0.24, 0.00, 0.19
HSL	199°, 64%, 50%
HSV	199°, 78%, 81%
XYZ	24.4884, 29.2481, 63.4629
YIQ	129.5110, -82.2060, -7.9820

Conversions

Conversions Part 2

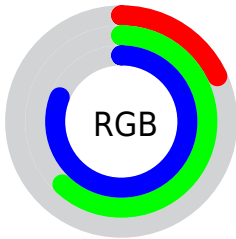
Format	Color
R_{YB}	46, 112, 207
Decimal	3055055
CIE _{Lab}	61.00, -13.74, -34.31
CIE _{LCh}	61, 36.954, 248.176
Yxy	29.2481, 0.2089, 0.2496
Android (android.graphics.Color)	4281245135 (0xFF2E9DCF)
YUV	129.5110, 38.2021, -73.2391
Hunter-Lab	54.0815, -13.8171, -31.7177

Details

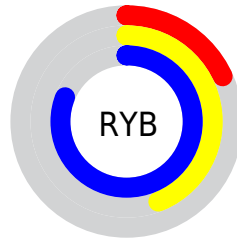
The CIELCh color **61, 36.954, 248.176** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **54, 62.927, 49.501**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 34.030, 240.679**, and **42, 33.183, 255.760** is the 20% darker color. If you saturate the color by 10%, you get **59, 39.690, 252.495**, and if you desaturate by 10%, it is **63, 33.793, 244.539**.

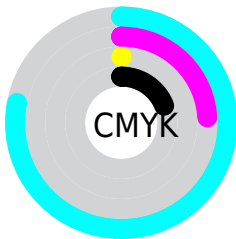
Distribution



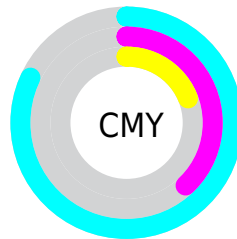
- Red (18%)
- Green (62%)
- Blue (81%)



- Red (18%)
- Yellow (44%)
- Blue (81%)



- Cyan (78%)
- Magenta (24%)
- Yellow (0%)
- Black (19%)



- Cyan (82%)
- Magenta (38%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 36.954, 248.176 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, 36.954, 248.176 by changing the saturation by 10% instead.

■ 61, 36.954,
248.176

■ 61, 36.954,
248.176

■ 100, 36.954,
248.176

■ 51, 36.954,
248.176

■ 81, 36.954,
248.176

■ 41, 36.954,
248.176

■ 91, 36.954,
248.176

■ 31, 36.954,
248.176

■ 21, 36.954,
248.176

■ 11, 36.954,
248.176

■ 1, 36.954, 248.176

■ 0, 36.954, 248.176

61, 36.954,
248.176

61, 36.954,
248.176

59, 39.690,
252.495

63, 33.793,
244.539

57, 42.178,
257.399

66, 30.123,
241.554

56, 42.767,
258.527

69, 25.922,
239.144

72, 21.217,
237.220

75, 16.062,
235.696

78, 10.525,
234.498

81, 4.676, 233.599

84, 1.420, 52.367

Harmonies

Complementary

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



61, 36.954, 248.176



54, 62.927, 49.501

Rectangle

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



61, 36.954, 248.176



61, 36.954, 298.176



61, 36.954, 68.176



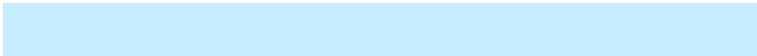
61, 36.954, 118.176

Sweetspot

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



61, 36.953, 248.176



91, 15.978, 235.130



74, 77.496, 145.218



47, 10.953, 235.594



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, 36.953, 248.176



70, 48.308, 255.606



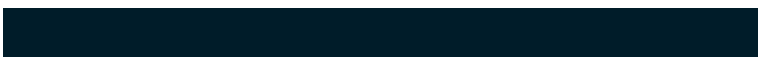
39, 77.741, 296.391



42, 3.463, 233.729



46, 36.374, 257.708



9, 12.794, 246.047

Inverse Universe

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



49, 73.839, 341.914



57, 91.267, 344.681



72, 65.368, 90.934



41, 6.187, 335.337



37, 67.256, 345.525



5, 24.507, 341.563

Previews

White Background



This preview shows how the CIE LCh color 61, 36.954, 248.176 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, 36.954, 248.176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

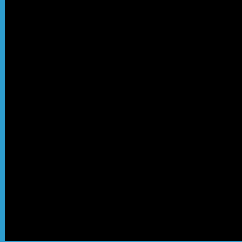
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 36.954, 248.176

Background



This preview shows how black text looks on a background with the CIELCh color 61, 36.954, 248.176.

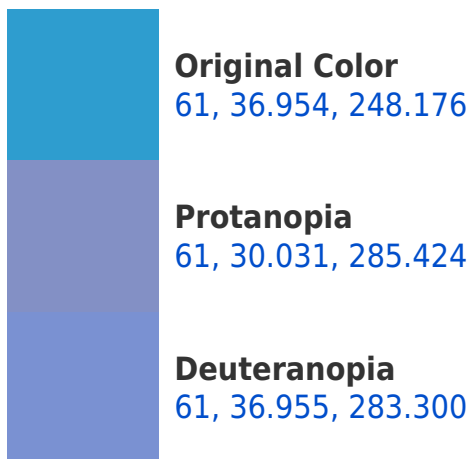


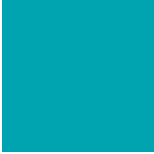
This preview shows how white text looks on a background with the CIELCh color 61, 36.954, 248.176.

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, 34.596, 209.031

Trichromacy



Original Color
61, 36.954, 248.176

Protanomaly
60, 31.931, 266.572

Deuteranomaly
60, 36.310, 268.748

Tritanomaly
61, 34.036, 222.833

Monochromacy



Original Color
61, 36.954, 248.176

Achromatopsia
54, 0.007, 296.813

Achromatomaly
56, 16.663, 236.878

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 36.954, 248.176 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(46, 157, 207)` looks like.

```
.text, #text, p{  
    color:rgb(46, 157, 207)  
}
```

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(46, 157, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 157, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 36.954, 248.176 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(46, 157, 207) }
```

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

```
.border{ border-color:rgb(46, 157, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 157, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 157, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 157, 207);  
box-shadow:4px 4px 4px 4px rgb(46, 157,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 36.954, 248.176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 157, 207) }
```

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

```
.background{ background-color: rgb(46, 157,  
207) }
```

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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