

Converting Colors

CIELCh(60, 49.806, 275.040)

Have a look what the booklet for
CIELCh(60, 49.806, 275.040)
contains.

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Color

CIELCh(60, 49.815, 274.956)

Conversions

Conversions Part 1

Format	Color
Hex	4A93E8
RGB	74, 147, 232
RGB Percent	29%, 58%, 91%
CMY	0.7101, 0.4238, 0.0905
CMYK	0.68, 0.37, 0.00, 0.09
HSL	212°, 77%, 60%
HSV	212°, 68%, 91%
XYZ	27.7978, 28.1233, 80.2564
YIQ	134.8630, -70.7930, 10.9590

Conversions

Conversions Part 2

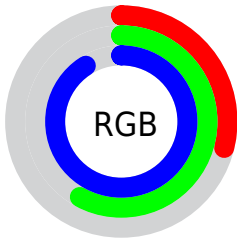
Format	Color
R _Y B	74, 124, 232
Decimal	4887528
CIE Lab	60.00, 4.30, -49.63
CIE LCh	60, 49.815, 274.956
Yxy	28.1233, 0.2041, 0.2065
Android (android.graphics.Color)	4283077608 (0xFF4A93E8)
YUV	134.8630, 47.8885, -53.3769
Hunter-Lab	53.0314, 0.7603, -52.6059

Details

The CIELCh color **60, 49.815, 274.956** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **71, 57.273, 70.214**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 33.315, 259.446**, and **41, 49.133, 278.389** is the 20% darker color. If you saturate the color by 10%, you get **56, 57.066, 278.853**, and if you desaturate by 10%, it is **64, 42.623, 271.507**.

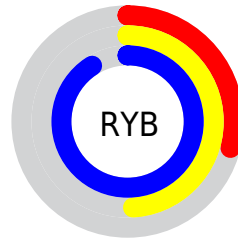
Distribution



Red (29%)

Green (58%)

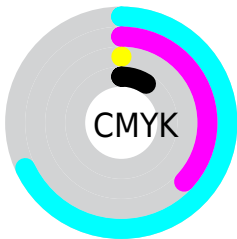
Blue (91%)



Red (29%)

Yellow (49%)

Blue (91%)

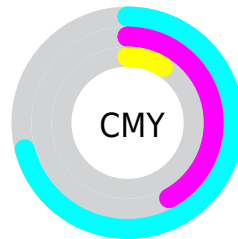


Cyan (68%)

Magenta (37%)

Yellow (0%)

Black (9%)



Cyan (71%)


Magenta (42%)


Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 49.815, 274.956 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 60, 49.815, 274.956 by changing the saturation by 10% instead.


 60, 49.815,
274.956


 60, 49.815,
274.956


 100, 49.815,
274.956


 50, 49.815,
274.956


 80, 49.815,
274.956


 40, 49.815,
274.956

 90, 49.815,
274.956

 30, 49.815,
274.956

 20, 49.815,
274.956

 10, 49.815,
274.956

 0, 49.815, 274.956

 60, 49.815,

 60, 49.815,

274.956

■ 56, 57.066,
278.853

■ 52, 64.465,
283.094

■ 48, 72.084,
287.464

■ 47, 73.545,
288.239

274.956

■ 64, 42.623,
271.507

■ 69, 35.420,
268.527

■ 74, 28.165,
265.990

■ 78, 20.845,
263.847

■ 83, 13.468,
262.044

■ 88, 6.051, 260.545

■ 93, 1.386, 78.906

■ 97, 8.092, 87.942

■ 99, 11.675,

Harmonies

Complementary

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



60, 49.815, 274.956



71, 57.273, 70.214

Rectangle

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



60, 49.815, 274.956



60, 49.815, 324.956



60, 49.815, 94.956



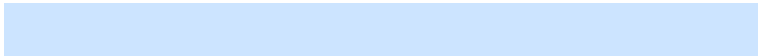
60, 49.815, 144.956

Sweetspot

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



60, 49.814, 274.957



90, 16.042, 262.376



83, 62.479, 157.207



46, 10.937, 262.871



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 49.814, 274.957



59, 64.702, 280.643



42, 93.145, 302.014



46, 4.192, 260.725



37, 59.399, 287.455



8, 21.119, 279.156

Inverse Universe

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



56, 66.609, 355.065



57, 80.061, 359.171



89, 75.154, 105.715



45, 5.709, 346.518



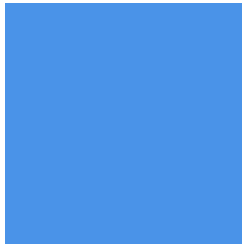
38, 64.612, 5.509



7, 27.280, 357.826

Previews

White Background



This preview shows how the CIE LCh color 60, 49.815, 274.956 looks on a white background.

Color Contrast Check

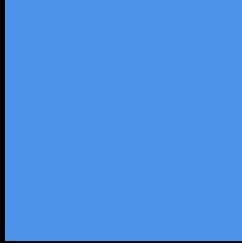
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 49.815, 274.956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

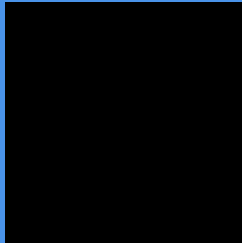
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

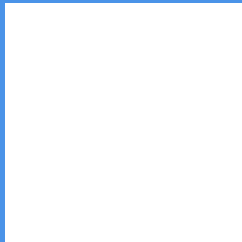
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 49.815, 274.956

Background



This preview shows how black text looks on a background with the CIELCh color 60, 49.815, 274.956.




This preview shows how white text looks on a background with the CIELCh color 60, 49.815, 274.956.

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
60, 32.481, 210.028

Trichromacy



Original Color
60, 49.815, 274.956

Protanomaly
60, 49.264, 281.598

Deuteranomaly
60, 50.892, 278.407

Tritanomaly
60, 33.573, 239.166

Monochromacy



Original Color
60, 49.815, 274.956

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 19.404, 265.422

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 49.815, 274.956 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(74, 147, 232)` looks like.

```
.text, #text, p{  
    color:rgb(74, 147, 232)  
}
```

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(74, 147, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 147, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 49.815, 274.956 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(74, 147, 232) }
```

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

```
.border{ border-color:rgb(74, 147, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 147, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 147, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 147, 232);  
box-shadow:4px 4px 4px 4px rgb(74, 147,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 49.815, 274.956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 147, 232) }
```

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

```
.background{ background-color: rgb(74, 147,  
232) }
```

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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