

Converting Colors

CIELCh(62, 58.274, 274.982)

Have a look what the booklet for
CIELCh(62, 58.274, 274.982)
contains.

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Color

CIELCh(62, 58.235, 274.891)

Conversions

Conversions Part 1

Format	Color
Hex	2E99FD
RGB	46, 153, 253
RGB Percent	18%, 60%, 99%
CMY	0.8205, 0.4005, 0.0084
CMYK	0.82, 0.40, 0.00, 0.01
HSL	209°, 98%, 59%
HSV	209°, 82%, 99%
XYZ	30.1959, 30.4025, 97.0959
YIQ	132.4070, -95.8720, 8.4160

Conversions

Conversions Part 2

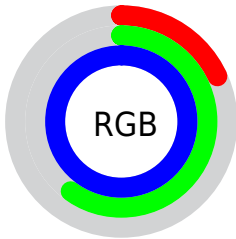
Format	Color
R _Y B	46, 117, 253
Decimal	3054077
CIE Lab	62.00, 4.97, -58.02
CIE LCh	62, 58.235, 274.891
Yxy	30.4025, 0.1915, 0.1928
Android (android.graphics.Color)	4281244157 (0xFF2E99FD)
YUV	132.4070, 59.4523, -75.7789
Hunter-Lab	55.1385, 1.2611, -65.8095

Details

The CIELCh color **62, 58.235, 274.891** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **71, 74.020, 62.874**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 33.506, 248.638**, and **44, 56.490, 281.654** is the 20% darker color. If you saturate the color by 10%, you get **58, 64.991, 279.503**, and if you desaturate by 10%, it is **66, 51.578, 270.646**.

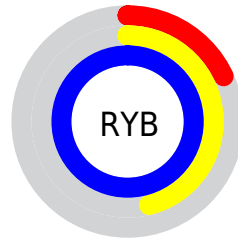
Distribution



Red (18%)

Green (60%)

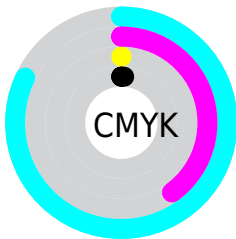
Blue (99%)



Red (18%)

Yellow (46%)

Blue (99%)

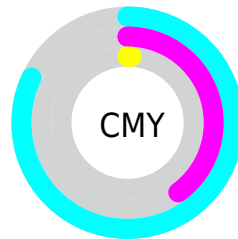


Cyan (82%)

Magenta (40%)

Yellow (0%)

Black (1%)



Cyan (82%)


Magenta (40%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 58.235, 274.891 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 62, 58.235, 274.891 by changing the saturation by 10% instead.


 62, 58.235,
274.891


 62, 58.235,
274.891


 100, 58.235,
274.891


 52, 58.235,
274.891


 82, 58.235,
274.891

 42, 58.235,
274.891

 92, 58.235,
274.891

 32, 58.235,
274.891

 22, 58.235,
274.891

 12, 58.235,
274.891

 2, 58.235, 274.891

 0, 58.235, 274.891

■ 62, 58.235,
274.891

■ 62, 58.235,
274.891

■ 58, 64.991,
279.503

■ 66, 51.578,
270.646

■ 55, 70.637,
283.285

■ 70, 44.891,
266.889

■ 75, 38.078,
263.657

■ 79, 31.088,
260.925

■ 84, 23.909,
258.638

■ 89, 16.557,
256.732

■ 93, 9.064, 255.153

■ 98, 1.464, 254.069

100, 1.069,
110.026

Harmonies

Complementary

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



62, 58.235, 274.891



71, 74.020, 62.874

Rectangle

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



62, 58.235, 274.891



62, 58.235, 324.891



62, 58.235, 94.891



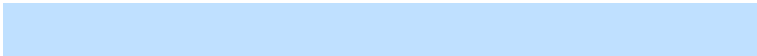
62, 58.235, 144.891

Sweetspot

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



62, 58.234, 274.892



88, 18.979, 257.287



88, 81.657, 151.070



45, 12.909, 257.954



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 58.234, 274.892



56, 69.691, 282.402



38, 116.324, 303.605



51, 4.366, 254.822



42, 56.317, 282.445



12, 23.006, 275.756

Inverse Universe

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



57, 80.846, 354.719



55, 84.694, 0.459



95, 88.320, 101.403



50, 6.457, 343.480



41, 68.462, 0.481



10, 32.042, 355.151

Previews

White Background



This preview shows how the CIE LCh color 62, 58.235, 274.891 looks on a white background.

Color Contrast Check

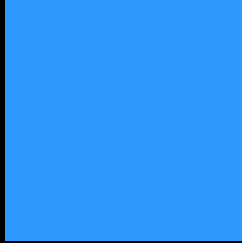
Large Text (above 18pt) WCAG AA × Fail

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 62, 58.235, 274.891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

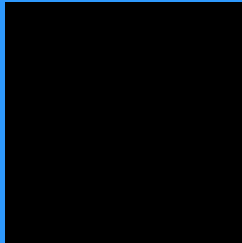
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

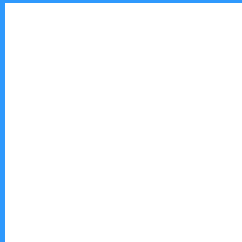
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 58.235, 274.891

Background



This preview shows how black text looks on a background with the CIELCh color 62, 58.235, 274.891.



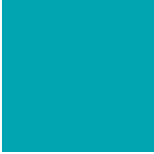
This preview shows how white text looks on a background with the CIELCh color 62, 58.235, 274.891.

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
62, 34.958, 207.897

Trichromacy



Original Color
62, 58.235, 274.891

Protanomaly
62, 57.042, 281.020

Deuteranomaly
62, 59.295, 277.836

Tritanomaly
62, 37.197, 239.696

Monochromacy



Original Color
62, 58.235, 274.891

Achromatopsia
55, 0.007, 296.813

Achromatomaly
57, 23.486, 260.542

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 58.235, 274.891 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, 153, 253)` looks like.

```
.text, #text, p{  
    color:rgb(46, 153, 253)  
}
```

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, 153, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 153, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 58.235, 274.891 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, 153, 253) }
```

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

```
.border{ border-color:rgb(46, 153, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 153, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 153, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 153, 253);  
box-shadow:4px 4px 4px 4px rgb(46, 153,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 58.235, 274.891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 153, 253) }
```

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

```
.background{ background-color: rgb(46, 153,  
253) }
```

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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