

Converting Colors

CIELCh(62, 58.803, 274.903)

Have a look what the booklet for
CIELCh(62, 58.803, 274.903)
contains.

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Color

CIELCh(62, 58.821, 274.887)

Conversions

Conversions Part 1

Format	Color
Hex	2A99FE
RGB	42, 153, 254
RGB Percent	16%, 60%, 100%
CMY	0.8358, 0.4002, 0.0042
CMYK	0.84, 0.40, 0.00, 0.00
HSL	209°, 99%, 58%
HSV	209°, 84%, 100%
XYZ	30.2081, 30.4025, 97.9826
YIQ	131.3250, -98.5770, 7.8790

Conversions

Conversions Part 2

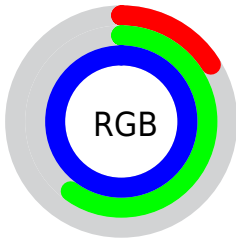
Format	Color
R _Y B	42, 115, 254
Decimal	2791934
CIE Lab	62.00, 5.01, -58.61
CIE LCh	62, 58.821, 274.887
Yxy	30.4025, 0.1905, 0.1917
Android (android.graphics.Color)	4280982014 (0xFF2A99FE)
YUV	131.3250, 60.4788, -78.3380
Hunter-Lab	55.1385, 1.3005, -66.7630

Details

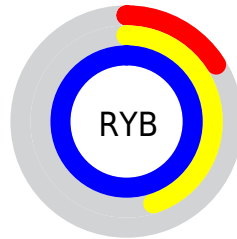
The CIELCh color **62, 58.821, 274.887** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **70, 75.729, 62.009**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 33.791, 248.049**, and **44, 57.033, 281.956** is the 20% darker color. If you saturate the color by 10%, you get **58, 65.476, 279.569**, and if you desaturate by 10%, it is **66, 52.274, 270.552**.

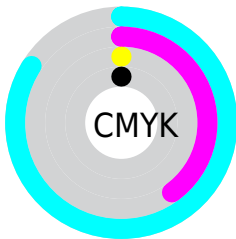
Distribution



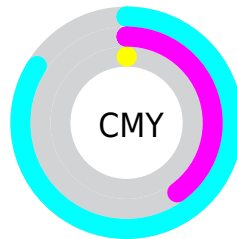
- Red (16%)
- Green (60%)
- Blue (100%)



- Red (16%)
- Yellow (45%)
- Blue (100%)



- Cyan (84%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)




- Cyan (84%)
- Magenta (40%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 58.821, 274.887 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, 58.821, 274.887 by changing the saturation by 10% instead.

 62, 58.821,
274.887


 62, 58.821,
274.887


 100, 58.821,
274.887

 52, 58.821,
274.887


 82, 58.821,
274.887

 42, 58.821,
274.887

 92, 58.821,
274.887

 32, 58.821,
274.887

 22, 58.821,
274.887

 12, 58.821,
274.887

 2, 58.821, 274.887

 0, 58.821, 274.887

■ 62, 58.821,
274.887

■ 62, 58.821,
274.887

■ 58, 65.476,
279.569

■ 66, 52.274,
270.552

■ 56, 69.934,
282.618

■ 70, 45.700,
266.702

■ 75, 38.993,
263.383

■ 79, 32.097,
260.576

■ 84, 24.996,
258.226

■ 88, 17.706,
256.270

■ 93, 10.257,
254.649

■ 98, 2.686, 253.402

100, 0.531,
109.993

Harmonies

Complementary

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



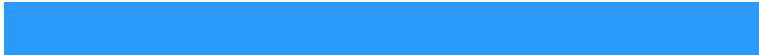
62, 58.821, 274.887



70, 75.729, 62.009

Rectangle

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



62, 58.821, 274.887



62, 58.821, 324.887



62, 58.821, 94.887



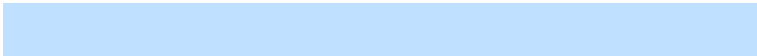
62, 58.821, 144.887

Sweetspot

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



62, 58.820, 274.888



88, 18.870, 256.540



89, 83.015, 150.729



45, 12.832, 257.205



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, 58.820, 274.888



56, 70.172, 282.629



38, 118.698, 303.919



51, 4.345, 254.089



43, 55.577, 281.759



12, 22.738, 275.022

Inverse Universe

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



57, 81.909, 354.692



55, 84.968, 0.647



95, 89.458, 101.317



50, 6.486, 343.135



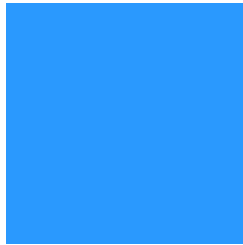
41, 68.560, 359.869



11, 32.113, 354.642

Previews

White Background



This preview shows how the CIE LCh color 62, 58.821, 274.887 looks on a white background.

Color Contrast Check

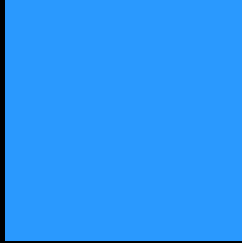
Large Text (above 18pt) WCAG AA × Fail

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, 58.821, 274.887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

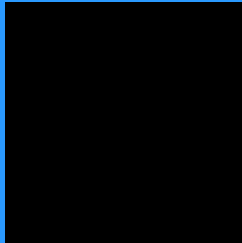
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

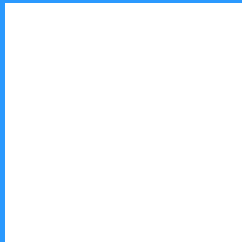
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 58.821, 274.887

Background



This preview shows how black text looks on a background with the CIELCh color 62, 58.821, 274.887.



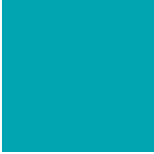
This preview shows how white text looks on a background with the CIELCh color 62, 58.821, 274.887.

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, 58.821, 274.887

Protanomaly
62, 58.150, 281.177

Deuteranomaly
62, 59.886, 277.786

Tritanomaly
62, 37.261, 239.603

Monochromacy



Original Color
62, 58.821, 274.887

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 24.096, 260.882

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 58.821, 274.887 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(42, 153, 254)` looks like.

```
.text, #text, p{  
    color:rgb(42, 153, 254)  
}
```

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(42, 153, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 153, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 58.821, 274.887 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(42, 153, 254) }
```

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

```
.border{ border-color:rgb(42, 153, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 153, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 153, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 153, 254);  
box-shadow:4px 4px 4px 4px rgb(42, 153,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 58.821, 274.887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 153, 254) }
```

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

```
.background{ background-color: rgb(42, 153,  
254) }
```

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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