

Converting Colors

CIELCh(62, 51.236, 275.352)

Have a look what the booklet for
CIELCh(62, 51.236, 275.352)
contains.

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Color

CIELCh(62, 51.172, 275.300)

Conversions

Conversions Part 1

Format	Color
Hex	4E98F0
RGB	78, 152, 240
RGB Percent	31%, 60%, 94%
CMY	0.6937, 0.4036, 0.0585
CMYK	0.67, 0.37, 0.00, 0.06
HSL	213°, 84%, 62%
HSV	213°, 67%, 94%
XYZ	30.1327, 30.4025, 86.7865
YIQ	139.9060, -72.3520, 11.6800

Conversions

Conversions Part 2

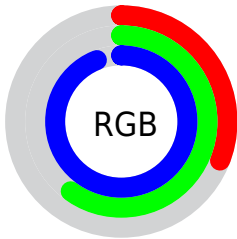
Format	Color
R _Y B	78, 129, 240
Decimal	5150960
CIE Lab	62.00, 4.73, -50.95
CIE LCh	62, 51.172, 275.300
Yxy	30.4025, 0.2045, 0.2064
Android (android.graphics.Color)	4283341040 (0xFF4E98F0)
YUV	139.9060, 49.3463, -54.2916
Hunter-Lab	55.1385, 1.0563, -54.7239

Details

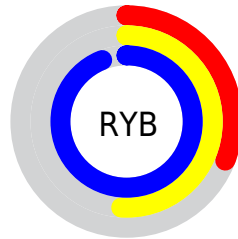
The CIELCh color **62, 51.172, 275.300** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **74, 58.365, 70.801**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 31.338, 255.572**, and **43, 50.064, 277.798** is the 20% darker color. If you saturate the color by 10%, you get **58, 58.731, 279.167**, and if you desaturate by 10%, it is **67, 43.681, 271.880**.

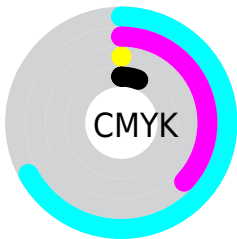
Distribution



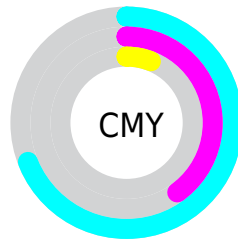
- Red (31%)
- Green (60%)
- Blue (94%)



- Red (31%)
- Yellow (51%)
- Blue (94%)



- Cyan (67%)
- Magenta (37%)
- Yellow (0%)
- Black (6%)





- Cyan (69%)
- Magenta (40%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 51.172, 275.300 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, 51.172, 275.300 by changing the saturation by 10% instead.


 62, 51.172,
275.300


 62, 51.172,
275.300


 100, 51.172,
275.300


 52, 51.172,
275.300


 82, 51.172,
275.300

 42, 51.172,
275.300

 92, 51.172,
275.300

 32, 51.172,
275.300

 22, 51.172,
275.300

 12, 51.172,
275.300

 2, 51.172, 275.300

 0, 51.172, 275.300

62, 51.172,
275.300

62, 51.172,
275.300

58, 58.731,
279.167

67, 43.681,
271.880

53, 66.448,
283.380

71, 36.188,
268.925

50, 74.389,
287.737

76, 28.652,
266.410

49, 76.448,
288.788

81, 21.060,
264.286

86, 13.419,
262.498

91, 5.745, 261.014

96, 1.940, 79.455

100, 7.548,
109.603

Harmonies

Complementary

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



62, 51.172, 275.300



74, 58.365, 70.801

Rectangle

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



62, 51.172, 275.300



62, 51.172, 325.300



62, 51.172, 95.300



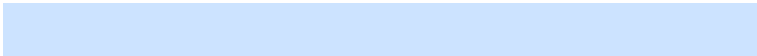
62, 51.172, 145.300

Sweetspot

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



62, 51.171, 275.301



89, 16.129, 262.933



85, 63.742, 157.302



46, 10.998, 263.428



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, 51.171, 275.301



59, 64.516, 280.734



44, 94.824, 301.906



48, 4.366, 261.286



37, 61.424, 288.016



9, 23.074, 280.708

Inverse Universe

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



58, 67.853, 355.330



57, 79.513, 359.276



92, 76.689, 105.746



47, 5.896, 346.836



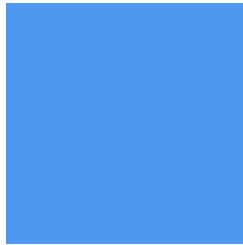
39, 65.965, 6.141



8, 29.103, 358.963

Previews

White Background



This preview shows how the CIE LCh color 62, 51.172, 275.300 looks on a white background.

Color Contrast Check

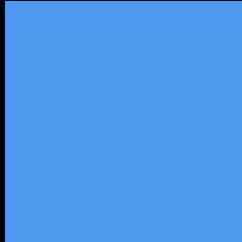
Large Text (above 18pt) WCAG AA × Fail

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, 51.172, 275.300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

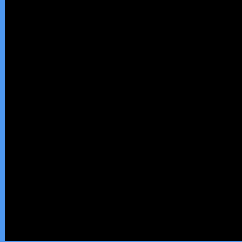
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

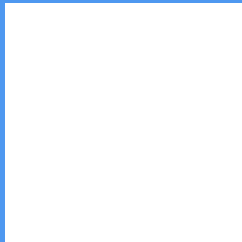
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 51.172, 275.300

Background



This preview shows how black text looks on a background with the CIELCh color 62, 51.172, 275.300.

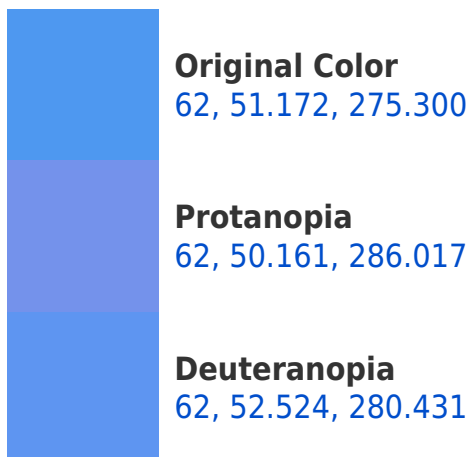


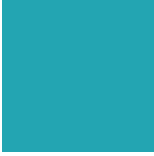
This preview shows how white text looks on a background with the CIELCh color 62, 51.172, 275.300.

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, 32.998, 209.746

Trichromacy



Original Color
62, 51.172, 275.300

Protanomaly
62, 50.635, 281.767

Deuteranomaly
62, 52.249, 278.654

Tritanomaly
62, 34.208, 240.524

Monochromacy



Original Color
62, 51.172, 275.300

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 19.923, 265.288

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 51.172, 275.300 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(78, 152, 240)` looks like.

```
.text, #text, p{  
    color:rgb(78, 152, 240)  
}
```

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(78, 152, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 152, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 51.172, 275.300 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(78, 152, 240) }
```

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

```
.border{ border-color:rgb(78, 152, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 152, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 152, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 152, 240);  
box-shadow:4px 4px 4px 4px rgb(78, 152,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 51.172, 275.300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 152, 240) }
```

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

```
.background{ background-color: rgb(78, 152,  
240) }
```

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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