

Converting Colors

CIELCh(62, 34.941, 250.632)

Have a look what the booklet for
CIELCh(62, 34.941, 250.632)
contains.

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Color

CIELCh(62, 35.040, 250.418)

Conversions

Conversions Part 1

Format	Color
Hex	439FD0
RGB	67, 159, 208
RGB Percent	26%, 62%, 82%
CMY	0.7389, 0.3777, 0.1856
CMYK	0.68, 0.24, 0.00, 0.19
HSL	201°, 60%, 54%
HSV	201°, 68%, 81%
XYZ	25.9731, 30.4025, 63.9565
YIQ	137.0780, -70.5610, -4.2650

Conversions

Conversions Part 2

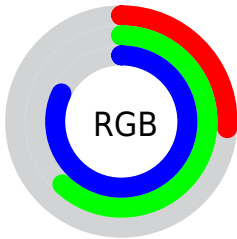
Format	Color
RYB	67, 123, 208
Decimal	4431824
CIELab	62.00, -11.74, -33.01
CIElCh	62, 35.040, 250.418
Yxy	30.4025, 0.2158, 0.2527
Android (android.graphics.Color)	4282621904 (0xFF439FD0)
YUV	137.0780, 34.9645, -61.4584
Hunter-Lab	55.1385, -12.4095, -30.1750

Details

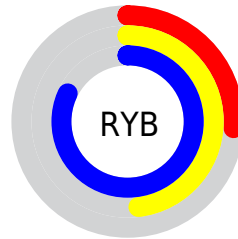
The CIELCh color **62, 35.040, 250.418** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **58, 53.055, 52.801**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 31.564, 242.136**, and **43, 32.925, 254.202** is the 20% darker color. If you saturate the color by 10%, you get **59, 38.642, 254.287**, and if you desaturate by 10%, it is **65, 31.024, 247.192**.

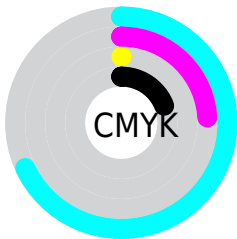
Distribution



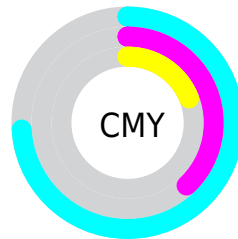
- Red (26%)
- Green (62%)
- Blue (82%)



- Red (26%)
- Yellow (48%)
- Blue (82%)



- Cyan (68%)
- Magenta (24%)
- Yellow (0%)
- Black (19%)





- Cyan (74%)
- Magenta (38%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 35.040, 250.418 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, 35.040, 250.418 by changing the saturation by 10% instead.


 62, 35.040,
250.418


 62, 35.040,
250.418


 100, 35.040,
250.418


 52, 35.040,
250.418


 82, 35.040,
250.418

 42, 35.040,
250.418

 92, 35.040,
250.418

 32, 35.040,
250.418

 22, 35.040,
250.418

 12, 35.040,
250.418

 2, 35.040, 250.418

 0, 35.040, 250.418

■ 62, 35.040,
250.418

■ 62, 35.040,
250.418

■ 59, 38.642,
254.287

■ 65, 31.024,
247.192

■ 57, 41.931,
258.799

■ 68, 26.561,
244.551

■ 55, 45.082,
263.814

■ 71, 21.663,
242.412

■ 54, 45.756,
264.832

■ 74, 16.372,
240.692

■ 77, 10.745,
239.317

■ 81, 4.844, 238.251

■ 84, 1.274, 56.857

■ 88, 7.557, 56.442

Harmonies

Complementary

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



62, 35.040, 250.418



58, 53.055, 52.801

Rectangle

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



62, 35.040, 250.418



62, 35.040, 300.418



62, 35.040, 70.418



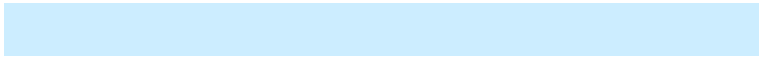
62, 35.040, 120.418

Sweetspot

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



62, 35.039, 250.418



92, 14.089, 239.606



74, 68.113, 148.156



48, 9.554, 239.985



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, 35.039, 250.418



70, 47.083, 256.485



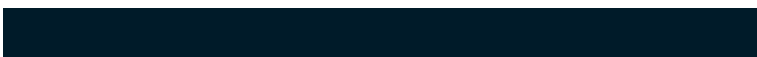
43, 70.119, 295.102



42, 3.474, 238.387



44, 38.761, 263.997



8, 13.255, 252.162

Inverse Universe

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



52, 66.927, 342.629



59, 86.887, 345.022



75, 60.455, 94.476



41, 6.028, 336.895



37, 65.826, 348.321



5, 23.874, 343.797

Previews

White Background



This preview shows how the CIE LCh color 62, 35.040, 250.418 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 CIE LCh color 62, 35.040, 250.418 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

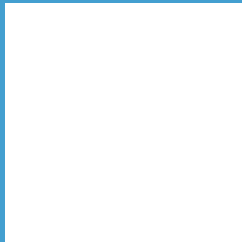
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 35.040, 250.418

Background



This preview shows how black text looks on a background with the CIELCh color 62, 35.040, 250.418.

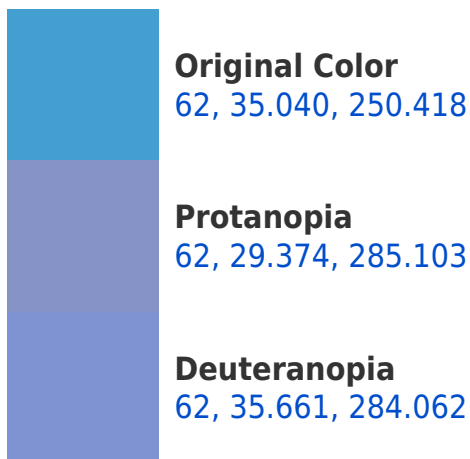



This preview shows how white text looks on a background with the CIELCh color 62, 35.040, 250.418.

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, 31.399, 210.540

Trichromacy



Original Color
62, 35.040, 250.418

Protanomaly
61, 30.723, 268.923

Deuteranomaly
61, 34.531, 270.874

Tritanomaly
62, 30.994, 225.757

Monochromacy



Original Color
62, 35.040, 250.418

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 15.217, 241.096

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 35.040, 250.418 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(67, 159, 208)` looks like.

```
.text, #text, p{  
    color:rgb(67, 159, 208)  
}
```

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(67, 159, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 159, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 35.040, 250.418 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(67, 159, 208) }
```

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

```
.border{ border-color:rgb(67, 159, 208) }
```

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

Here you see how a box with a 4 pixel rgb(67, 159, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 159, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 159, 208);  
box-shadow:4px 4px 4px 4px rgb(67, 159,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 35.040, 250.418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 159, 208) }
```

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

```
.background{ background-color: rgb(67, 159,  
208) }
```

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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