

Converting Colors

CIELCh(62, 34.462, 257.110)

Have a look what the booklet for
CIELCh(62, 34.462, 257.110)
contains.

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Color

CIELCh(62, 34.454, 257.019)

Conversions

Conversions Part 1

Format	Color
Hex	529DD1
RGB	82, 157, 209
RGB Percent	32%, 62%, 82%
CMY	0.6795, 0.3853, 0.1814
CMYK	0.61, 0.25, 0.00, 0.18
HSL	205°, 58%, 57%
HSV	205°, 61%, 82%
XYZ	26.9467, 30.4025, 64.6003
YIQ	140.5030, -61.3920, 0.2720

Conversions

Conversions Part 2

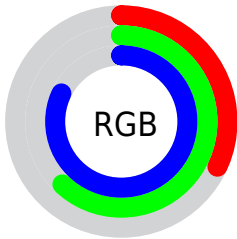
Format	Color
R_{YB}	82, 129, 209
Decimal	5414353
CIE Lab	62.00, -7.74, -33.57
CIE LCh	62, 34.454, 257.019
Yxy	30.4025, 0.2210, 0.2493
Android (android.graphics.Color)	4283604433 (0xFF529DD1)
YUV	140.5030, 33.7690, -51.3071
Hunter-Lab	55.1385, -9.2577, -30.8672

Details

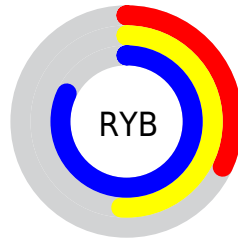
The CIELCh color **62, 34.454, 257.019** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **63, 46.140, 58.998**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 30.293, 249.367**, and **42, 34.003, 257.477** is the 20% darker color. If you saturate the color by 10%, you get **59, 39.127, 260.631**, and if you desaturate by 10%, it is **65, 29.488, 253.982**.

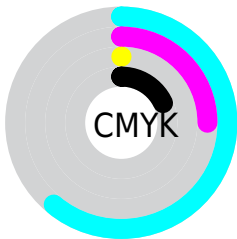
Distribution



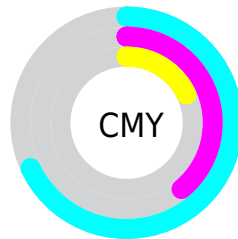
- Red (32%)
- Green (62%)
- Blue (82%)



- Red (32%)
- Yellow (51%)
- Blue (82%)



- Cyan (61%)
- Magenta (25%)
- Yellow (0%)
- Black (18%)



- Cyan (68%)
- Magenta (39%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 34.454, 257.019 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, 34.454, 257.019 by changing the saturation by 10% instead.

■ 62, 34.454,
257.019

■ 62, 34.454,
257.019

■ 100, 34.454,
257.019

■ 52, 34.454,
257.019

■ 82, 34.454,
257.019

■ 42, 34.454,
257.019

■ 92, 34.454,
257.019

■ 32, 34.454,
257.019

■ 22, 34.454,
257.019

■ 12, 34.454,
257.019

■ 2, 34.454, 257.019

■ 0, 34.454, 257.019

62, 34.454,
257.019

62, 34.454,
257.019

59, 39.127,
260.631

65, 29.488,
253.982

56, 43.577,
264.830

69, 24.211,
251.465

53, 47.925,
269.545

72, 18.638,
249.395

50, 51.976,
274.052

76, 12.806,
247.700

80, 6.758, 246.326

83, 0.541, 245.932

87, 5.803, 64.053

91, 12.238, 63.285

94, 15.103, 77.108

Harmonies

Complementary

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



62, 34.454, 257.019



63, 46.140, 58.998

Rectangle

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



62, 34.454, 257.019



62, 34.454, 307.019



62, 34.454, 77.019



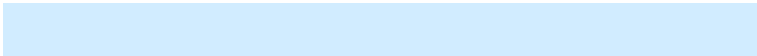
62, 34.454, 127.019

Sweetspot

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



62, 34.453, 257.019



92, 13.056, 247.307



75, 58.987, 152.035



48, 9.033, 247.746



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, 34.453, 257.019



70, 47.073, 261.828



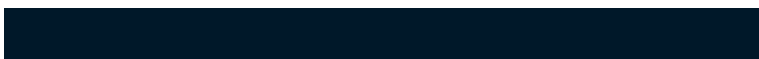
45, 67.683, 296.139



42, 3.546, 246.155



41, 43.730, 273.229



7, 14.315, 261.730

Inverse Universe

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



54, 59.782, 345.186



61, 79.509, 347.354



78, 58.216, 99.361



41, 5.770, 339.744



36, 63.840, 353.454



5, 22.908, 347.921

Previews

White Background



This preview shows how the CIE LCh color 62, 34.454, 257.019 looks on a white background.

Color Contrast Check

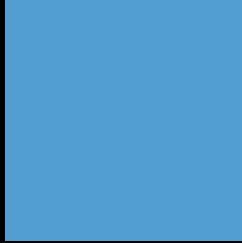
Large Text (above 18pt) WCAG AA × Fail

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, 34.454, 257.019 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

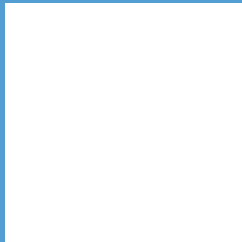
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 34.454, 257.019

Background



This preview shows how black text looks on a background with the CIELCh color 62, 34.454, 257.019.

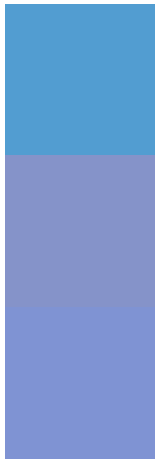


This preview shows how white text looks on a background with the CIELCh color 62, 34.454, 257.019.

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



Original Color
62, 34.454, 257.019

Protanopia
62, 30.509, 284.988

Deuteranopia
62, 36.206, 284.300



Tritanopia
62, 28.330, 212.277

Trichromacy



Original Color
62, 34.454, 257.019

Protanomaly
62, 31.275, 272.313

Deuteranomaly
62, 34.562, 273.747

Tritanomaly
62, 28.572, 229.977

Monochromacy



Original Color
62, 34.454, 257.019

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 14.026, 249.256

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 34.454, 257.019 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(82, 157, 209)` looks like.

```
.text, #text, p{  
    color:rgb(82, 157, 209)  
}
```

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(82, 157, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 157, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 34.454, 257.019 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(82, 157, 209) }
```

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

```
.border{ border-color:rgb(82, 157, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 157, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 157, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 157, 209);  
box-shadow:4px 4px 4px 4px rgb(82, 157,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 34.454, 257.019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 157, 209) }
```

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

```
.background{ background-color: rgb(82, 157,  
209) }
```

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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