

Converting Colors

CIELCh(62, 34.983, 239.200)

Have a look what the booklet for
CIELCh(62, 34.983, 239.200)
contains.

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Color

CIELCh(62, 34.936, 239.327)

Conversions

Conversions Part 1

Format	Color
Hex	2CA1CA
RGB	44, 161, 202
RGB Percent	17%, 63%, 79%
CMY	0.8257, 0.3676, 0.2068
CMYK	0.78, 0.20, 0.00, 0.21
HSL	196°, 64%, 48%
HSV	196°, 78%, 79%
XYZ	24.5406, 30.4025, 60.6196
YIQ	130.6910, -82.8930, -12.0530

Conversions

Conversions Part 2

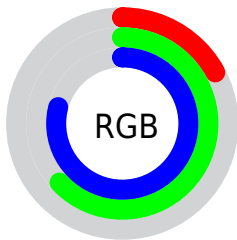
Format	Color
R_{YB}	44, 111, 202
Decimal	2925002
CIE Lab	62.00, -17.82, -30.05
CIE LCh	62, 34.936, 239.327
Yxy	30.4025, 0.2124, 0.2631
Android (android.graphics.Color)	4281115082 (0xFF2CA1CA)
YUV	130.6910, 35.1553, -76.0280
Hunter-Lab	55.1385, -17.0470, -26.5868

Details

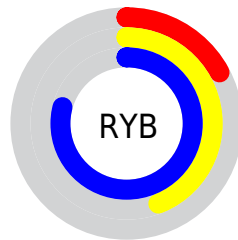
The CIELCh color **62, 34.936, 239.327** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **51, 63.529, 45.914**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 33.966, 235.777**, and **43, 30.814, 248.090** is the 20% darker color. If you saturate the color by 10%, you get **60, 36.968, 243.195**, and if you desaturate by 10%, it is **64, 32.346, 236.144**.

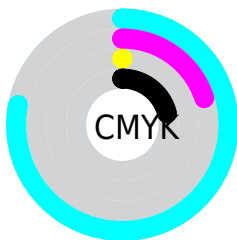
Distribution



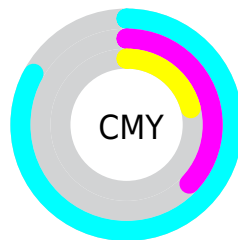
- Red (17%)
- Green (63%)
- Blue (79%)



- Red (17%)
- Yellow (44%)
- Blue (79%)



- Cyan (78%)
- Magenta (20%)
- Yellow (0%)
- Black (21%)





- Cyan (83%)
- Magenta (37%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 34.936, 239.327 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, 34.936, 239.327 by changing the saturation by 10% instead.


 62, 34.936,
239.327


 62, 34.936,
239.327


 100, 34.936,
239.327


 52, 34.936,
239.327


 82, 34.936,
239.327

 42, 34.936,
239.327

 92, 34.936,
239.327

 32, 34.936,
239.327

 22, 34.936,
239.327

 12, 34.936,
239.327

 2, 34.936, 239.327

 0, 34.936, 239.327

■ 62, 34.936,
239.327

■ 62, 34.936,
239.327

■ 60, 36.968,
243.195

■ 64, 32.346,
236.144

■ 58, 38.615,
247.697

■ 66, 29.132,
233.584

■ 58, 38.944,
248.596

■ 69, 25.291,
231.560

■ 71, 20.866,
229.979

■ 74, 15.924,
228.758

■ 76, 10.545,
227.831

■ 79, 4.811, 227.171

■ 82, 1.207, 46.080

Harmonies

Complementary

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



62, 34.936, 239.327



51, 63.529, 45.914

Rectangle

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



62, 34.936, 239.327



62, 34.936, 289.327



62, 34.936, 59.327



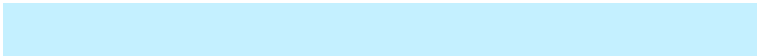
62, 34.936, 109.327

Sweetspot

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



62, 34.935, 239.327



92, 16.004, 228.288



72, 79.222, 143.495



48, 10.954, 228.648



0, 0.000, 0.000



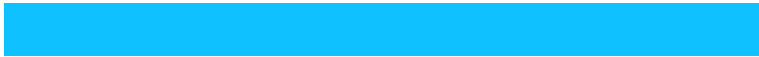
53, 0.007, 296.813

Same Dimension

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



62, 34.935, 239.327



73, 45.456, 246.429



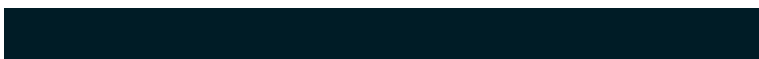
40, 71.478, 293.968



42, 3.415, 227.243



48, 33.438, 247.846



9, 11.836, 236.855

Inverse Universe

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



48, 75.012, 339.097



58, 94.401, 341.408



69, 62.541, 87.081



40, 6.287, 333.295



37, 68.768, 341.886



5, 23.477, 338.468

Previews

White Background



This preview shows how the CIE LCh color 62, 34.936, 239.327 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, 34.936, 239.327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

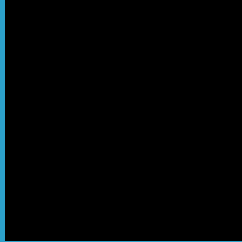
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 34.936, 239.327

Background



This preview shows how black text looks on a background with the CIELCh color 62, 34.936, 239.327.

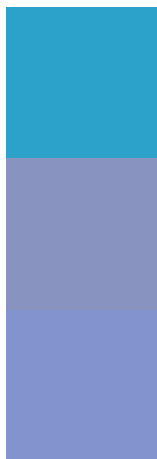


This preview shows how white text looks on a background with the CIELCh color 62, 34.936, 239.327.

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, 34.936, 239.327

Protanopia

62, 25.409, 285.395

Deuteranopia

62, 33.361, 284.554



Tritanopia
62, 34.567, 210.020

Trichromacy



Original Color
62, 34.936, 239.327



Protanomaly
61, 28.157, 261.056



Deuteranomaly
61, 32.723, 265.376



Tritanomaly
62, 34.002, 219.566

Monochromacy



Original Color
62, 34.936, 239.327



Achromatopsia
55, 0.007, 296.813



Achromatomaly
57, 16.349, 230.124

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 34.936, 239.327 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(44, 161, 202)` looks like.

```
.text, #text, p{  
    color:rgb(44, 161, 202)  
}
```

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(44, 161, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 161, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 34.936, 239.327 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(44, 161, 202) }
```

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

```
.border{ border-color:rgb(44, 161, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 161, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 161, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 161, 202);  
box-shadow:4px 4px 4px 4px rgb(44, 161,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 34.936, 239.327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 161, 202) }
```

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

```
.background{ background-color: rgb(44, 161,  
202) }
```

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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