

Converting Colors

CIELCh(62, 35.177, 229.847)

Have a look what the booklet for
CIELCh(62, 35.177, 229.847)
contains.

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Color

CIELCh(62, 35.242, 230.440)

Conversions

Conversions Part 1

Format	Color
Hex	14A3C5
RGB	20, 163, 197
RGB Percent	8%, 64%, 77%
CMY	0.9207, 0.3605, 0.2272
CMYK	0.90, 0.17, 0.00, 0.23
HSL	192°, 81%, 43%
HSV	192°, 90%, 77%
XYZ	23.4870, 30.4025, 57.4937
YIQ	124.1190, -96.1420, -19.7420

Conversions

Conversions Part 2

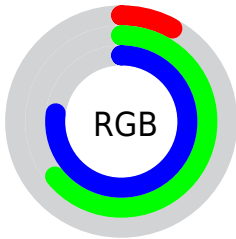
Format	Color
R _Y B	20, 99, 197
Decimal	1352645
CIE Lab	62.00, -22.45, -27.17
CIE LCh	62, 35.242, 230.440
Yxy	30.4025, 0.2109, 0.2730
Android (android.graphics.Color)	4279542725 (0xFF14A3C5)
YUV	124.1190, 35.9303, -91.3124
Hunter-Lab	55.1385, -20.4577, -23.2256

Details

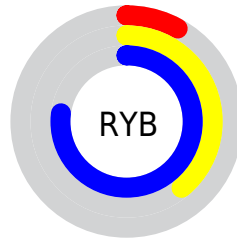
The CIELCh color **62, 35.242, 230.440** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **45, 74.890, 42.752**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 35.236, 230.809**, and **43, 28.902, 239.742** is the 20% darker color. If you saturate the color by 10%, you get **61, 36.056, 233.970**, and if you desaturate by 10%, it is **63, 33.933, 227.444**.

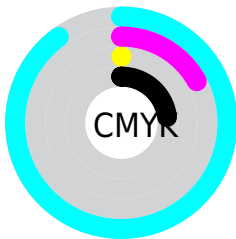
Distribution



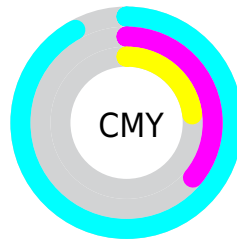
- Red (8%)
- Green (64%)
- Blue (77%)



- Red (8%)
- Yellow (39%)
- Blue (77%)



- Cyan (90%)
- Magenta (17%)
- Yellow (0%)
- Black (23%)





- Cyan (92%)
- Magenta (36%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 35.242, 230.440 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, 35.242, 230.440 by changing the saturation by 10% instead.


 62, 35.242,
230.440


 62, 35.242,
230.440


 100, 35.242,
230.440


 52, 35.242,
230.440


 82, 35.242,
230.440

 42, 35.242,
230.440

 92, 35.242,
230.440

 32, 35.242,
230.440

 22, 35.242,
230.440

 12, 35.242,
230.440

 2, 35.242, 230.440

 0, 35.242, 230.440

■ 62, 35.242,
230.440

■ 62, 35.242,
230.440

■ 61, 36.056,
233.970

■ 63, 33.933,
227.444

■ 61, 36.077,
234.065

■ 65, 31.933,
225.039

■ 67, 29.189,
223.153

■ 68, 25.710,
221.705

■ 70, 21.552,
220.617

■ 73, 16.794,
219.821

■ 75, 11.529,
219.263

■ 77, 5.849, 218.918

Harmonies

Complementary

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



62, 35.242, 230.440



45, 74.890, 42.752

Rectangle

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



62, 35.242, 230.440



62, 35.242, 280.440



62, 35.242, 50.440



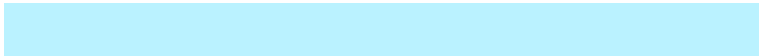
62, 35.242, 100.440

Sweetspot

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



62, 35.241, 230.440



92, 18.957, 219.672



70, 88.837, 139.641



48, 12.613, 219.899



0, 0.000, 0.000



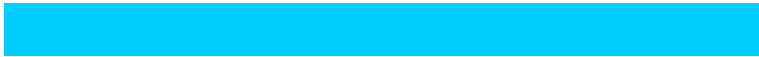
53, 0.007, 296.813

Same Dimension

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



62, 35.241, 230.440



77, 43.856, 234.711



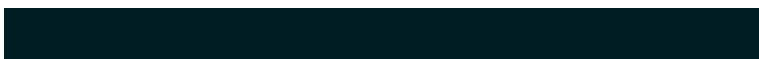
37, 73.886, 294.168



41, 3.436, 218.910



51, 31.336, 233.490



9, 11.190, 224.871

Inverse Universe

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



46, 80.827, 336.710



58, 99.251, 337.919



63, 65.173, 79.408



39, 6.460, 330.808



37, 71.372, 337.583



4, 22.602, 334.640

Previews

White Background



This preview shows how the CIE LCh color 62, 35.242, 230.440 looks on a white background.

Color Contrast Check

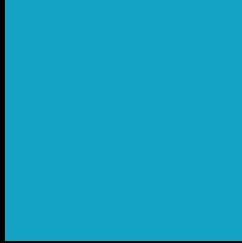
Large Text (above 18pt) WCAG AA × Fail

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, 35.242, 230.440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

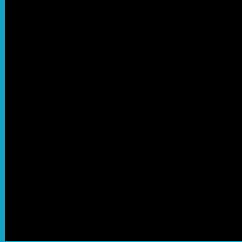
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 35.242, 230.440

Background



This preview shows how black text looks on a background with the CIELCh color 62, 35.242, 230.440.

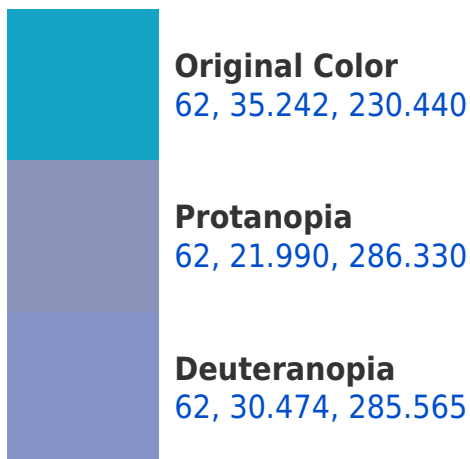


This preview shows how white text looks on a background with the CIELCh color 62, 35.242, 230.440.

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



Trichromacy

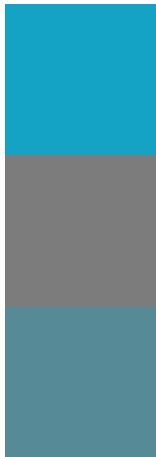


Original Color
62, 35.242, 230.440

Protanomaly
61, 26.303, 251.409

Deuteranomaly
61, 30.765, 258.620

Monochromacy



Original Color
62, 35.242, 230.440

Achromatopsia
52, 0.007, 296.813

Achromatomaly
54, 18.530, 221.944

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 35.242, 230.440 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(20, 163, 197)` looks like.

```
.text, #text, p{  
    color:rgb(20, 163, 197)  
}
```

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(20, 163, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 163, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 35.242, 230.440 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(20, 163, 197) }
```

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

```
.border{ border-color:rgb(20, 163, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 163, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 163, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 163, 197);  
box-shadow:4px 4px 4px 4px rgb(20, 163,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 35.242, 230.440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 163, 197) }
```

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

```
.background{ background-color: rgb(20, 163,  
197) }
```

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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