

Converting Colors

CIELCh(64, 35.933, 231.159)

Have a look what the booklet for
CIELCh(64, 35.933, 231.159)
contains.

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Color

CIELCh(64, 35.882, 230.619)

Conversions

Conversions Part 1

Format	Color
Hex	1AA9CC
RGB	26, 169, 204
RGB Percent	10%, 66%, 80%
CMY	0.8979, 0.3387, 0.2015
CMYK	0.87, 0.17, 0.00, 0.20
HSL	192°, 77%, 45%
HSV	192°, 87%, 80%
XYZ	25.4006, 32.8017, 61.8826
YIQ	130.2330, -96.4630, -19.4310

Conversions

Conversions Part 2

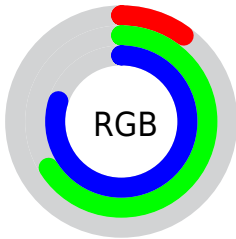
Format	Color
RYB	26, 105, 204
Decimal	1747404
CIELab	64.00, -22.77, -27.73
CIELCh	64, 35.882, 230.619
Yxy	32.8017, 0.2115, 0.2732
Android (android.graphics.Color)	4279937484 (0xFF1AA9CC)
YUV	130.2330, 36.3671, -91.4123
Hunter-Lab	57.2727, -21.0621, -23.9713

Details

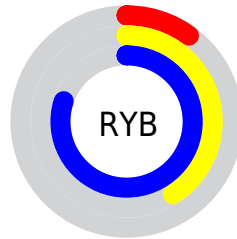
The CIELCh color **64, 35.882, 230.619** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **47, 74.588, 42.814**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **84, 34.995, 225.725**, and **46, 29.868, 239.139** is the 20% darker color. If you saturate the color by 10%, you get **63, 36.822, 234.167**, and if you desaturate by 10%, it is **66, 34.350, 227.684**.

Distribution



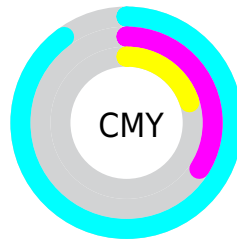
- Red (10%)
- Green (66%)
- Blue (80%)



- Red (10%)
- Yellow (41%)
- Blue (80%)



- Cyan (87%)
- Magenta (17%)
- Yellow (0%)
- Black (20%)





- Cyan (90%)
- Magenta (34%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 35.882, 230.619 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 64, 35.882, 230.619 by changing the saturation by 10% instead.


 64, 35.882,
230.619


 64, 35.882,
230.619


 100, 35.882,
230.619


 54, 35.882,
230.619


 84, 35.882,
230.619

 44, 35.882,
230.619

 94, 35.882,
230.619

 34, 35.882,
230.619

 24, 35.882,
230.619

 14, 35.882,
230.619

 4, 35.882, 230.619

 0, 35.882, 230.619

■ 64, 35.882,
230.619

■ 64, 35.882,
230.619

■ 63, 36.822,
234.167

■ 66, 34.350,
227.684

■ 62, 37.055,
235.200

■ 67, 32.097,
225.338

■ 69, 29.083,
223.504

■ 71, 25.331,
222.101

■ 73, 20.904,
221.048

■ 75, 15.888,
220.281

■ 78, 10.377,
219.746

■ 80, 4.465, 219.439

Harmonies

Complementary

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



64, 35.882, 230.619



47, 74.588, 42.814

Rectangle

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



64, 35.882, 230.619



64, 35.882, 280.619



64, 35.882, 50.619



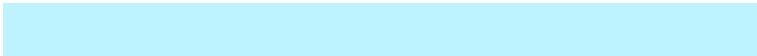
64, 35.882, 100.619

Sweetspot

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



64, 35.881, 230.619



92, 18.279, 220.226



72, 89.667, 140.011



48, 12.236, 220.459



0, 0.000, 0.000



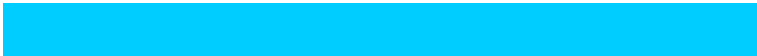
53, 0.007, 296.813

Same Dimension

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



64, 35.881, 230.619



77, 43.957, 235.769



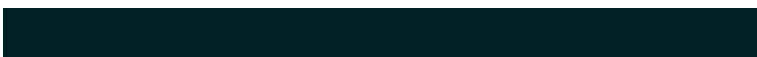
39, 73.551, 293.335



42, 3.499, 219.480



51, 31.758, 234.572



10, 11.745, 225.766

Inverse Universe

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



47, 82.022, 336.739



58, 98.894, 338.213



65, 65.837, 79.889



40, 6.575, 330.976



37, 71.927, 337.880



5, 24.718, 335.235

Previews

White Background



This preview shows how the CIELCh color 64, 35.882, 230.619 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 64, 35.882, 230.619 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 64, 35.882, 230.619

Background



This preview shows how black text looks on a background with the CIELCh color 64, 35.882, 230.619.

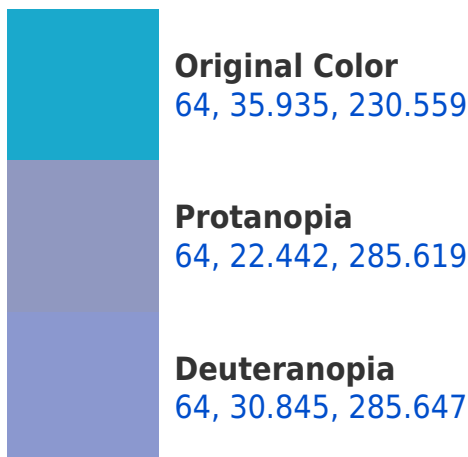



This preview shows how white text looks on a background with the CIELCh color 64, 35.882, 230.619.

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
64, 35.826, 209.426

Trichromacy



Original Color
64, 35.935, 230.559



Protanomaly
63, 26.636, 252.043



Deuteranomaly
63, 31.118, 258.992



Tritanomaly
64, 35.415, 217.414

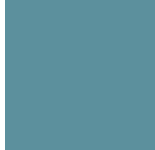
Monochromacy



Original Color
64, 35.935, 230.559



Achromatopsia
54, 0.007, 296.813



Achromatomaly
57, 18.521, 221.789

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 35.882, 230.619 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(26, 169, 204)` looks like.

```
.text, #text, p{  
    color:rgb(26, 169, 204)  
}
```

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(26, 169, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 169, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 35.882, 230.619 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(26, 169, 204) }
```

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

```
.border{ border-color:rgb(26, 169, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 169, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 169, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 169, 204);  
box-shadow:4px 4px 4px 4px rgb(26, 169,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 35.882, 230.619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 169, 204) }
```

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

```
.background{ background-color: rgb(26, 169,  
204) }
```

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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