

Converting Colors

CIELCh(62, 39.192, 244.972)

Have a look what the booklet for
CIELCh(62, 39.192, 244.972)
contains.

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Color

CIELCh(62, 39.217, 245.191)

Conversions

Conversions Part 1

Format	Color
Hex	0EA1D4
RGB	14, 161, 212
RGB Percent	5%, 63%, 83%
CMY	0.9458, 0.3680, 0.1679
CMYK	0.93, 0.24, 0.00, 0.17
HSL	195°, 88%, 44%
HSV	195°, 93%, 83%
XYZ	24.8580, 30.4025, 66.9628
YIQ	122.8610, -103.9830, -15.3030

Conversions

Conversions Part 2

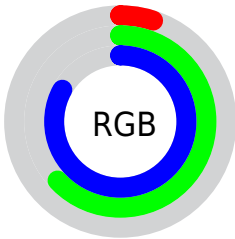
Format	Color
RYB	14, 98, 212
Decimal	958932
CIELab	62.00, -16.46, -35.60
CIELCh	62, 39.217, 245.191
Yxy	30.4025, 0.2034, 0.2487
Android (android.graphics.Color)	4279149012 (0xFF0EA1D4)
YUV	122.8610, 43.9455, -95.4711
Hunter-Lab	55.1385, -16.0194, -33.4076

Details

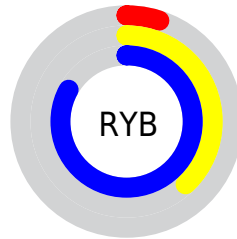
The CIELCh color **62, 39.217, 245.191** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **49, 79.942, 45.648**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 35.352, 233.978**, and **43, 34.188, 256.482** is the 20% darker color. If you saturate the color by 10%, you get **61, 40.269, 248.202**, and if you desaturate by 10%, it is **64, 37.406, 240.947**.

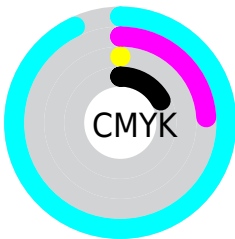
Distribution



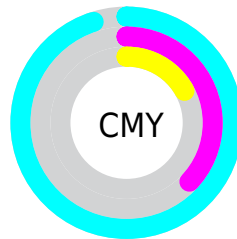
- Red (5%)
- Green (63%)
- Blue (83%)



- Red (5%)
- Yellow (38%)
- Blue (83%)



- Cyan (93%)
- Magenta (24%)
- Yellow (0%)
- Black (17%)





- Cyan (95%)
- Magenta (37%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 39.217, 245.191 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, 39.217, 245.191 by changing the saturation by 10% instead.


 62, 39.217,
245.191


 62, 39.217,
245.191


 100, 39.217,
245.191


 52, 39.217,
245.191


 82, 39.217,
245.191

 42, 39.217,
245.191


 92, 39.217,
245.191

 32, 39.217,
245.191

 22, 39.217,
245.191

 12, 39.217,
245.191

 2, 39.217, 245.191

 0, 39.217, 245.191

■ 62, 39.217,
245.191

■ 62, 39.217,
245.191

■ 61, 40.269,
248.202

■ 64, 37.406,
240.947

■ 66, 35.085,
237.398

■ 68, 32.137,
234.514

■ 70, 28.523,
232.218

■ 73, 24.265,
230.416

■ 75, 19.422,
229.018

■ 78, 14.073,
227.949

■ 81, 8.304, 227.151

Harmonies

Complementary

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



62, 39.217, 245.191



49, 79.942, 45.648

Rectangle

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



62, 39.217, 245.191



62, 39.217, 295.191



62, 39.217, 65.191



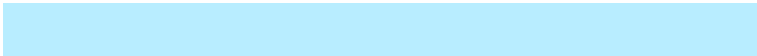
62, 39.217, 115.191

Sweetspot

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



62, 39.216, 245.192



91, 19.188, 228.426



75, 92.450, 140.676



47, 13.054, 228.918



0, 0.000, 0.000



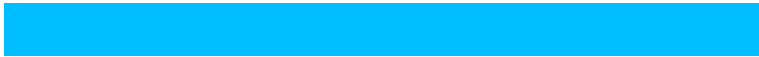
53, 0.007, 296.813

Same Dimension

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



62, 39.216, 245.192



72, 46.415, 248.757



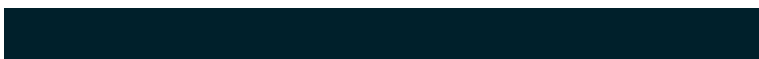
35, 90.493, 299.004



44, 3.557, 226.904



50, 34.110, 247.418



11, 12.827, 237.534

Inverse Universe

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



48, 82.231, 341.005



57, 94.645, 342.193



70, 71.608, 84.451



42, 6.558, 333.195



38, 70.426, 341.744



6, 27.283, 338.736

Previews

White Background



This preview shows how the CIELCh color 62, 39.217, 245.191 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, 39.217, 245.191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

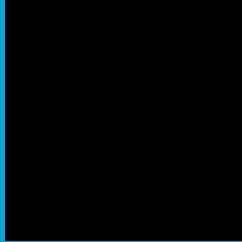
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 39.217, 245.191

Background



This preview shows how black text looks on a background with the CIELCh color 62, 39.217, 245.191.

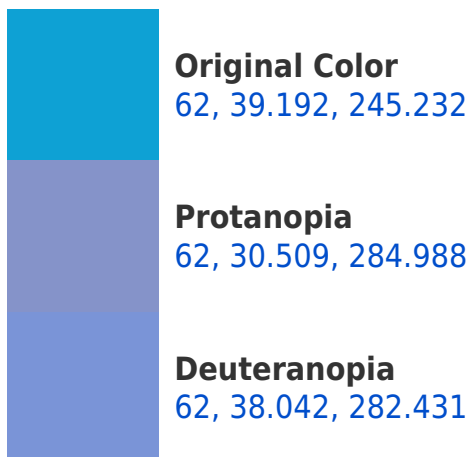


This preview shows how white text looks on a background with the CIELCh color 62, 39.217, 245.191.

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, 35.117, 207.831

Trichromacy



Original Color
62, 39.192, 245.232



Protanomaly
61, 33.619, 262.128



Deuteranomaly
61, 37.929, 264.425



Tritanomaly
62, 34.896, 222.023

Monochromacy



Original Color
62, 39.192, 245.232



Achromatopsia
52, 0.007, 296.813



Achromatomaly
54, 19.909, 229.666

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 39.217, 245.191 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(14, 161, 212)` looks like.

```
.text, #text, p{  
    color:rgb(14, 161, 212)  
}
```

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(14, 161, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 161, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 39.217, 245.191 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(14, 161, 212) }
```

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

```
.border{ border-color:rgb(14, 161, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 161, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 161, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 161, 212);  
box-shadow:4px 4px 4px 4px rgb(14, 161,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 39.217, 245.191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 161, 212) }
```

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

```
.background{ background-color: rgb(14, 161,  
212) }
```

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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