

Converting Colors

CIELCh(66, 39.132, 238.201)

Have a look what the booklet for
CIELCh(66, 39.132, 238.201)
contains.

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Color

CIELCh(66, 39.041, 237.632)

Conversions

Conversions Part 1

Format	Color
Hex	0BAEDB
RGB	11, 174, 219
RGB Percent	4%, 68%, 86%
CMY	0.9550, 0.3189, 0.1424
CMYK	0.95, 0.21, 0.00, 0.14
HSL	193°, 90%, 45%
HSV	193°, 95%, 86%
XYZ	27.9634, 35.3238, 72.1388
YIQ	130.3930, -111.5930, -20.5610

Conversions

Conversions Part 2

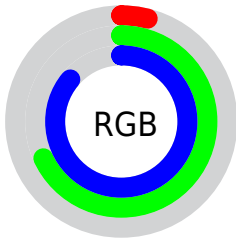
Format	Color
RYB	11, 102, 219
Decimal	765659
CIELab	66.00, -20.90, -32.98
CIELCh	66, 39.041, 237.632
Yxy	35.3238, 0.2065, 0.2608
Android (android.graphics.Color)	4278955739 (0xFF0BAEDB)
YUV	130.3930, 43.6833, -104.7077
Hunter-Lab	59.4338, -20.0258, -30.3605

Details

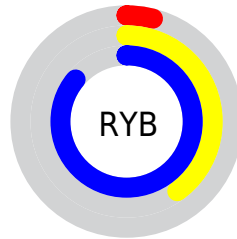
The CIELCh color **66, 39.041, 237.632** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **49, 84.440, 43.827**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **85, 35.429, 219.410**, and **47, 33.261, 248.273** is the 20% darker color. If you saturate the color by 10%, you get **65, 39.599, 239.795**, and if you desaturate by 10%, it is **68, 37.742, 233.841**.

Distribution



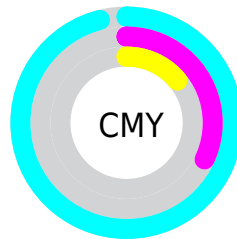
- Red (4%)
- Green (68%)
- Blue (86%)



- Red (4%)
- Yellow (40%)
- Blue (86%)



- Cyan (95%)
- Magenta (21%)
- Yellow (0%)
- Black (14%)





- Cyan (96%)
- Magenta (32%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 39.041, 237.632 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 66, 39.041, 237.632 by changing the saturation by 10% instead.


 66, 39.041,
237.632


 66, 39.041,
237.632


 100, 39.041,
237.632


 56, 39.041,
237.632


 86, 39.041,
237.632

 46, 39.041,
237.632


 96, 39.041,
237.632

 36, 39.041,
237.632

 26, 39.041,
237.632

 16, 39.041,
237.632

 6, 39.041, 237.632

 0, 39.041, 237.632

66, 39.041,
237.632

66, 39.041,
237.632

65, 39.599,
239.795

68, 37.742,
233.841

69, 35.823,
230.716

71, 33.167,
228.214

73, 29.740,
226.251

76, 25.572,
224.739

78, 20.732,
223.594

81, 15.310,
222.746

83, 9.404, 222.143

Harmonies

Complementary

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



66, 39.041, 237.632



49, 84.440, 43.827

Rectangle

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



66, 39.041, 237.632



66, 39.041, 287.632



66, 39.041, 57.632



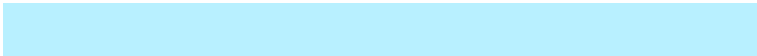
66, 39.041, 107.632

Sweetspot

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



66, 39.040, 237.632



91, 19.385, 223.012



77, 97.326, 139.546



48, 13.171, 223.388



0, 0.000, 0.000



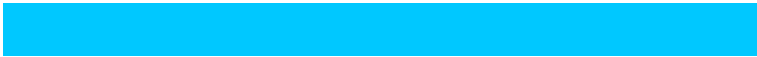
53, 0.007, 296.813

Same Dimension

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



66, 39.040, 237.632



75, 44.535, 240.204



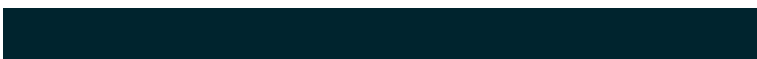
37, 89.761, 297.896



45, 3.677, 221.919



52, 33.223, 239.062



12, 13.117, 230.955

Inverse Universe

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



50, 86.603, 338.724



57, 97.418, 339.488



70, 72.812, 81.189



43, 6.880, 331.700



39, 73.240, 339.153



6, 29.661, 336.874

Previews

White Background



This preview shows how the CIELCh color 66, 39.041, 237.632 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 66, 39.041, 237.632 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 66, 39.041, 237.632

Background



This preview shows how black text looks on a background with the CIELCh color 66, 39.041, 237.632.

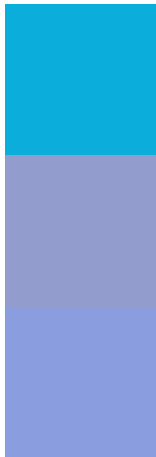


This preview shows how white text looks on a background with the CIELCh color 66, 39.041, 237.632.

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

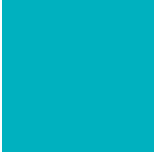
66, 39.090, 237.569

Protanopia

65, 27.335, 285.417

Deuteranopia

66, 36.306, 284.631



Tritanopia
66, 36.769, 209.005

Trichromacy



Original Color
66, 39.090, 237.569



Protanomaly
65, 31.761, 256.472



Deuteranomaly
65, 36.515, 261.546



Tritanomaly
66, 36.618, 219.434

Monochromacy



Original Color
66, 39.090, 237.569



Achromatopsia
54, 0.007, 296.813



Achromatomaly
57, 20.685, 224.266

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 39.041, 237.632 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(11, 174, 219)` looks like.

```
.text, #text, p{  
    color:rgb(11, 174, 219)  
}
```

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(11, 174, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 174, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 39.041, 237.632 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(11, 174, 219) }
```

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

```
.border{ border-color:rgb(11, 174, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 174, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 174, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 174, 219);  
box-shadow:4px 4px 4px 4px rgb(11, 174,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 39.041, 237.632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 174, 219) }
```

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

```
.background{ background-color: rgb(11, 174,  
219) }
```

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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