

Converting Colors

CIELCh(60, 98.162, 205.535)

Have a look what the booklet for
CIELCh(60, 98.162, 205.535)
contains.

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Color

CIELCh(68, 38.723, 230.363)

Conversions

Conversions Part 1	
Format	Color
Hex	03B5DB
RGB	3, 181, 219
RGB Percent	1%, 71%, 86%
CMY	0.9879, 0.2920, 0.1429
CMYK	0.99, 0.17, 0.00, 0.14
HSL	191°, 97%, 43%
HSV	191°, 99%, 86%
XYZ	29.1968, 37.9720, 72.5041
YIQ	132.1100, -118.2860, -25.9180

Conversions

Conversions Part 2

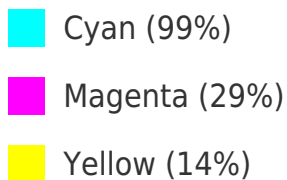
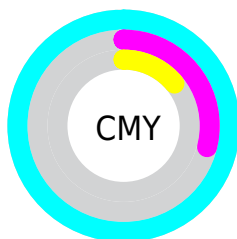
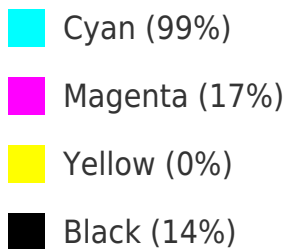
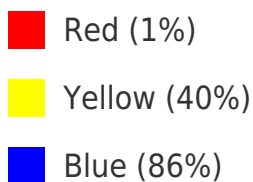
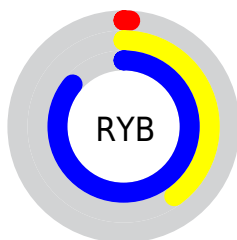
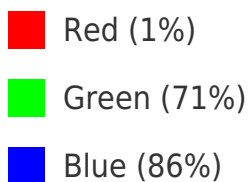
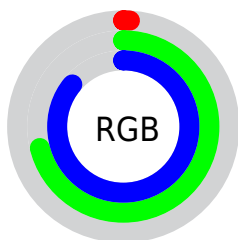
Format	Color
RYB	3, 101, 219
Decimal	243163
CIELab	68.00, -24.70, -29.82
CIELCh	68, 38.723, 230.363
Yxy	37.9720, 0.2090, 0.2719
Android (android.graphics.Color)	4278433243 (0xFF03B5DB)
YUV	132.1100, 42.8368, -113.2295
Hunter-Lab	61.6215, -23.2627, -26.6259

Details

The CIELCh color **68, 38.723, 230.363** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **48, 88.504, 42.470**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **87, 36.589, 212.316**, and **50, 31.916, 239.378** is the 20% darker color. If you saturate the color by 10%, you get **68, 38.813, 230.841**, and if you desaturate by 10%, it is **69, 37.988, 227.099**.


Distribution





Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 38.723, 230.363 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 68, 38.723, 230.363 by changing the saturation by 10% instead.


 68, 38.723,
230.363

 68, 38.723,
230.363


 100, 38.723,
230.363


 58, 38.723,
230.363


 88, 38.723,
230.363

 48, 38.723,
230.363

 98, 38.723,
230.363

 38, 38.723,
230.363

 28, 38.723,
230.363

 18, 38.723,
230.363

 8, 38.723, 230.363

 0, 38.723, 230.363

■ 68, 38.723,
230.363

■ 68, 38.723,
230.363

■ 68, 38.813,
230.841

■ 69, 37.988,
227.099

■ 71, 36.623,
224.393

■ 72, 34.459,
222.240

■ 74, 31.451,
220.570

■ 76, 27.617,
219.305

■ 78, 23.025,
218.372

■ 80, 17.768,
217.708

■ 83, 11.951,

217.265

■ 85, 5.677, 217.027

Harmonies

Complementary

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



68, 38.723, 230.363



48, 88.504, 42.470

Rectangle

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



68, 38.723, 230.363



68, 38.723, 280.363



68, 38.723, 50.363



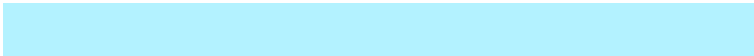
68, 38.723, 100.363

Sweetspot

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



68, 38.722, 230.363



92, 21.000, 217.803



76, 101.654, 137.911



48, 14.086, 218.072



0, 0.000, 0.000



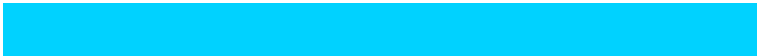
53, 0.007, 296.813

Same Dimension

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



68, 38.722, 230.363



78, 43.621, 231.180



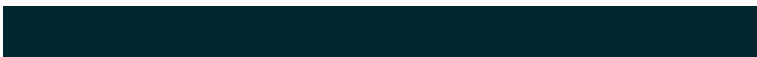
38, 86.743, 296.541



45, 3.757, 217.038



55, 32.640, 230.237



13, 13.122, 223.671

Inverse Universe

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



50, 89.426, 336.737



58, 100.459, 336.959



66, 73.064, 75.641



43, 7.081, 330.267



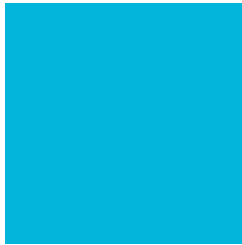
39, 75.480, 336.709



6, 30.522, 334.960

Previews

White Background



This preview shows how the CIELCh color 68, 38.723, 230.363 looks on a white background.

Color Contrast Check

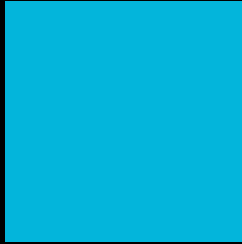
Large Text (above 18pt) WCAG AA × Fail

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 68, 38.723, 230.363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

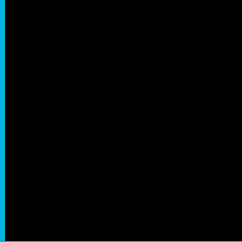
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 38.723, 230.363

Background



This preview shows how black text looks on a background with the CIELCh color 68, 38.723, 230.363.

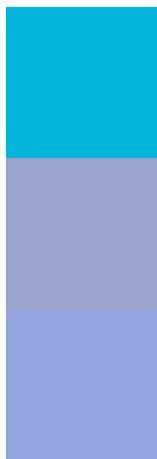


This preview shows how white text looks on a background with the CIELCh color 68, 38.723, 230.363.

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

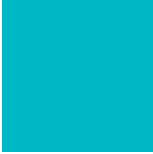
68, 38.780, 230.270

Protanopia

68, 23.829, 285.331

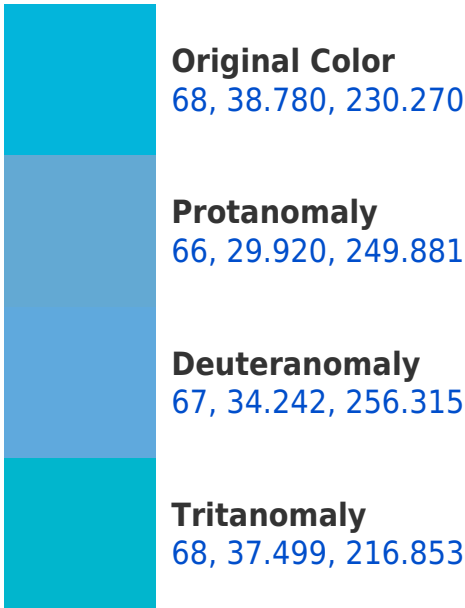
Deuteranopia

68, 33.783, 286.068



Tritanopia
68, 37.707, 208.609

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 38.723, 230.363 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(3, 181, 219)` looks like.

```
.text, #text, p{  
    color:rgb(3, 181, 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(3, 181, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 181, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 38.723, 230.363 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(3, 181, 219) }
```

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

```
.border{ border-color:rgb(3, 181, 219) }
```

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

Here you see how a box with a 4 pixel rgb(3, 181, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 181, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 181, 219);  
box-shadow:4px 4px 4px 4px rgb(3, 181,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 38.723, 230.363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 181, 219) }
```

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

```
.background{ background-color: rgb(3, 181,  
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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