

Converting Colors

CIELCh(69, 36.438, 203.793)

Have a look what the booklet for
CIELCh(69, 36.438, 203.793)
contains.

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Color

CIELCh(69, 36.453, 203.697)

Conversions

Conversions Part 1

Format	Color
Hex	28BAC2
RGB	40, 186, 194
RGB Percent	16%, 73%, 76%
CMY	0.8449, 0.2715, 0.2401
CMYK	0.80, 0.04, 0.00, 0.24
HSL	183°, 66%, 46%
HSV	183°, 80%, 76%
XYZ	28.0776, 39.3444, 57.0142
YIQ	143.2580, -89.5840, -28.4640

Conversions

Conversions Part 2

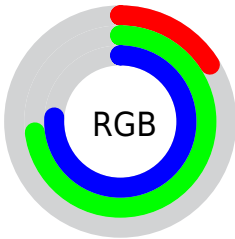
Format	Color
RYB	40, 115, 194
Decimal	2669250
CIELab	69.00, -33.38, -14.65
CIELCh	69, 36.453, 203.697
Yxy	39.3444, 0.2256, 0.3162
Android (android.graphics.Color)	4280859330 (0xFF28BAC2)
YUV	143.2580, 25.0158, -90.5573
Hunter-Lab	62.7251, -29.8670, -9.9842

Details

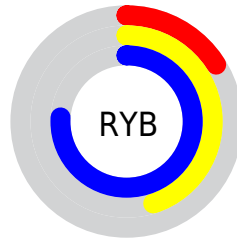
The CIELCh color **69, 36.453, 203.697** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted azure. A complement of this color would be **44, 69.568, 35.371**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 36.543, 202.934**, and **50, 29.809, 205.742** is the 20% darker color. If you saturate the color by 10%, you get **68, 37.574, 204.278**, and if you desaturate by 10%, it is **70, 34.491, 203.289**.

Distribution



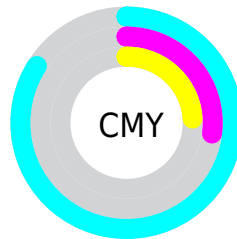
- Red (16%)
- Green (73%)
- Blue (76%)



- Red (16%)
- Yellow (45%)
- Blue (76%)



- Cyan (80%)
- Magenta (4%)
- Yellow (0%)
- Black (24%)





- Cyan (84%)
- Magenta (27%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 36.453, 203.697 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 69, 36.453, 203.697 by changing the saturation by 10% instead.

 69, 36.453,
203.697


 69, 36.453,
203.697


 100, 36.453,
203.697


 59, 36.453,
203.697


 89, 36.453,
203.697

 49, 36.453,
203.697

 99, 36.453,
203.697

 39, 36.453,
203.697

 29, 36.453,
203.697

 19, 36.453,
203.697

 9, 36.453, 203.697

 0, 36.453, 203.697

■ 69, 36.453,
203.697

■ 69, 36.453,
203.697

■ 68, 37.574,
204.278

■ 70, 34.491,
203.289

■ 68, 38.030,
205.018

■ 70, 31.657,
203.044

■ 68, 38.045,
205.050

■ 71, 27.973,
202.945

■ 72, 23.501,
202.974

■ 74, 18.333,
203.115

■ 75, 12.574,
203.355

■ 77, 6.334, 203.700

■ 78, 0.284, 22.062

Harmonies

Complementary

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



69, 36.453, 203.697



44, 69.568, 35.371

Rectangle

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



69, 36.453, 203.697



69, 36.453, 253.697



69, 36.453, 23.697



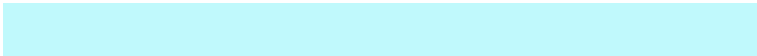
69, 36.453, 73.697

Sweetspot

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



69, 36.452, 203.696



94, 18.798, 203.228



69, 87.712, 138.105



50, 12.847, 203.147



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 36.452, 203.696



87, 46.256, 204.787



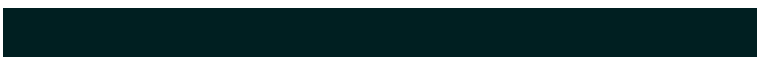
46, 51.279, 280.233



40, 3.750, 203.709



57, 33.140, 204.922



10, 11.738, 202.919

Inverse Universe

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



48, 84.406, 329.830



59, 109.401, 330.325



58, 57.823, 69.533



38, 6.975, 326.360



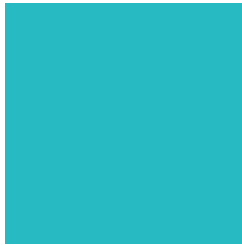
38, 78.579, 330.385



4, 23.081, 328.119

Previews

White Background



This preview shows how the CIELCh color 69, 36.453, 203.697 looks on a white background.

Color Contrast Check

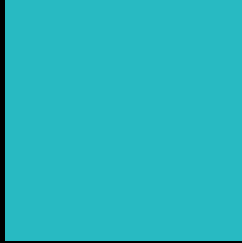
Large Text (above 18pt) WCAG AA × Fail

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 69, 36.453, 203.697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

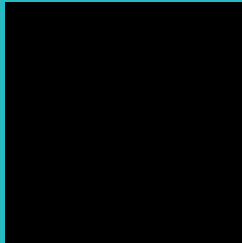
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

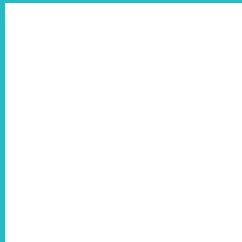
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 36.453, 203.697

Background



This preview shows how black text looks on a background with the CIELCh color 69, 36.453, 203.697.

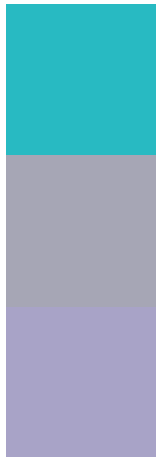


This preview shows how white text looks on a background with the CIELCh color 69, 36.453, 203.697.

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

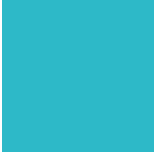
69, 36.453, 203.697

Protanopia

69, 8.257, 291.020

Deuteranopia

68, 19.952, 297.166



Tritanopia
69, 35.476, 210.453

Trichromacy



Original Color
69, 36.453, 203.697



Protanomaly
68, 18.670, 220.871



Deuteranomaly
67, 21.028, 241.797

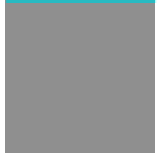


Tritanomaly
69, 35.719, 208.483

Monochromacy



Original Color
69, 36.453, 203.697



Achromatopsia
59, 0.008, 296.813



Achromatomaly
62, 18.475, 201.326

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 36.453, 203.697 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(40, 186, 194)` looks like.

```
.text, #text, p{  
    color:rgb(40, 186, 194)  
}
```

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(40, 186, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 186, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 36.453, 203.697 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(40, 186, 194) }
```

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

```
.border{ border-color:rgb(40, 186, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 186, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 186, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 186, 194);  
box-shadow:4px 4px 4px 4px rgb(40, 186,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 36.453, 203.697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 186, 194) }
```

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

```
.background{ background-color: rgb(40, 186,  
194) }
```

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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