

Converting Colors

CIELCh(69, 42.593, 183.390)

Have a look what the booklet for
CIELCh(69, 42.593, 183.390)
contains.

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Color

CIELCh(69, 42.658, 183.375)

Conversions

Conversions Part 1

Format	Color
Hex	14BDAC
RGB	20, 189, 172
RGB Percent	8%, 74%, 67%
CMY	0.9221, 0.2603, 0.3269
CMYK	0.89, 0.00, 0.09, 0.26
HSL	174°, 81%, 41%
HSV	174°, 89%, 74%
XYZ	25.8131, 39.3444, 45.0796
YIQ	136.5310, -95.2670, -41.1150

Conversions

Conversions Part 2

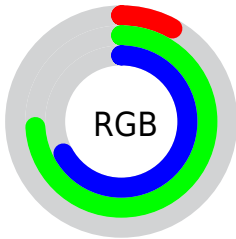
Format	Color
R_{YB}	20, 109, 189
Decimal	1359276
CIE _{Lab}	69.00, -42.58, -2.51
CIE _{LCh}	69, 42.658, 183.375
Yxy	39.3444, 0.2342, 0.3569
Android (android.graphics.Color)	4279549356 (0xFF14BDAC)
YUV	136.5310, 17.4862, -102.1977
Hunter-Lab	62.7251, -36.3113, 1.2967

Details

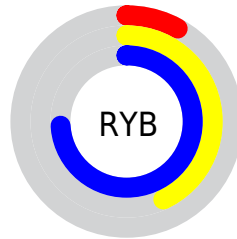
The CIELCh color **69, 42.658, 183.375** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **40, 72.737, 31.395**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **89, 42.811, 183.208**, and **50, 34.641, 181.221** is the 20% darker color. If you saturate the color by 10%, you get **69, 43.863, 182.228**, and if you desaturate by 10%, it is **69, 40.797, 184.440**.

Distribution



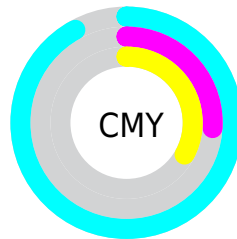
- Red (8%)
- Green (74%)
- Blue (67%)



- Red (8%)
- Yellow (43%)
- Blue (74%)



- Cyan (89%)
- Magenta (0%)
- Yellow (9%)
- Black (26%)





- Cyan (92%)
- Magenta (26%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 42.658, 183.375 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, 42.658, 183.375 by changing the saturation by 10% instead.


 69, 42.658,
183.375


 69, 42.658,
183.375


 100, 42.658,
183.375


 59, 42.658,
183.375


 89, 42.658,
183.375

 49, 42.658,
183.375

 99, 42.658,
183.375

 39, 42.658,
183.375

 29, 42.658,
183.375

 19, 42.658,
183.375

 9, 42.658, 183.375

 0, 42.658, 183.375

■ 69, 42.658,
183.375

■ 69, 42.658,
183.375

■ 69, 43.863,
182.228

■ 69, 40.797,
184.440

■ 69, 43.923,
182.168

■ 70, 38.113,
185.421

■ 70, 34.585,
186.335

■ 71, 30.245,
187.200

■ 72, 25.166,
188.030

■ 73, 19.451,
188.838

■ 74, 13.213,
189.636

■ 75, 6.567, 190.448

Harmonies

Complementary

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



69, 42.658, 183.375



40, 72.737, 31.395

Rectangle

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



69, 42.658, 183.375



69, 42.658, 233.375



69, 42.658, 3.375



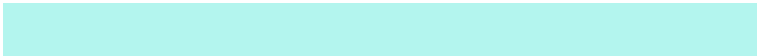
69, 42.658, 53.375

Sweetspot

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



69, 42.658, 183.374



92, 22.162, 189.001



67, 91.445, 135.479



48, 14.772, 188.728



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



69, 42.658, 183.374



87, 53.518, 181.960



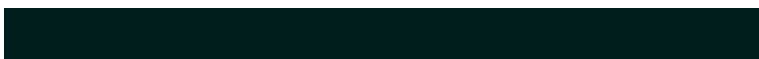
50, 41.699, 264.881



39, 3.933, 190.458



58, 38.488, 182.338



9, 12.266, 185.861

Inverse Universe

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



40, 72.737, 31.395



51, 97.000, 36.587



49, 65.599, 53.826



37, 4.125, 11.796



33, 68.903, 35.251



3, 12.331, 13.623

Previews

White Background



This preview shows how the CIE LCh color 69, 42.658, 183.375 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 69, 42.658, 183.375 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

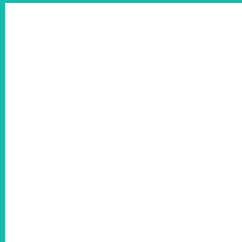
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 42.658, 183.375

Background



This preview shows how black text looks on a background with the CIELCh color 69, 42.658, 183.375.



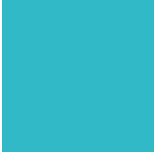
This preview shows how white text looks on a background with the CIELCh color 69, 42.658, 183.375.

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



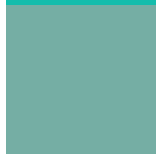


Tritanopia
69, 34.948, 210.698

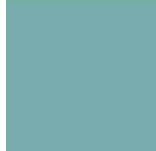
Trichromacy



Original Color
69, 42.712, 183.387



Protanomaly
67, 20.832, 182.212



Deuteranomaly
67, 17.466, 203.485

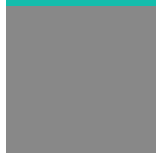


Tritanomaly
69, 36.919, 200.065

Monochromacy



Original Color
69, 42.712, 183.387



Achromatopsia
57, 0.007, 296.813



Achromatomaly
60, 21.416, 188.296

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 42.658, 183.375 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(20, 189, 172)` looks like.

```
.text, #text, p{  
    color:rgb(20, 189, 172)  
}
```

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(20, 189, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 189, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 42.658, 183.375 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(20, 189, 172) }
```

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

```
.border{ border-color:rgb(20, 189, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 189, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 189, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 189, 172);  
box-shadow:4px 4px 4px 4px rgb(20, 189,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 42.658, 183.375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 189, 172) }
```

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

```
.background{ background-color: rgb(20, 189,  
172) }
```

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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