

Converting Colors

CIELCh(57, 32.999, 224.599)

Have a look what the booklet for
CIELCh(57, 32.999, 224.599)
contains.

CIELCh(57, 32.953, 224.124)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(57, 32.953, 224.124)

Conversions

Conversions Part 1

Format	Color
Hex	0296B0
RGB	2, 150, 176
RGB Percent	1%, 59%, 69%
CMY	0.9936, 0.4121, 0.3102
CMYK	0.99, 0.15, 0.00, 0.31
HSL	189°, 98%, 35%
HSV	189°, 99%, 69%
XYZ	18.7374, 24.9227, 44.8453
YIQ	108.7120, -96.5540, -23.2900

Conversions

Conversions Part 2

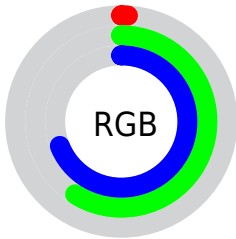
Format	Color
RYB	2, 82, 176
Decimal	169648
CIELab	57.00, -23.65, -22.94
CIELCh	57, 32.953, 224.124
Yxy	24.9227, 0.2117, 0.2816
Android (android.graphics.Color)	4278359728 (0xFF0296B0)
YUV	108.7120, 33.1730, -93.5864
Hunter-Lab	49.9226, -20.3684, -18.3142

Details

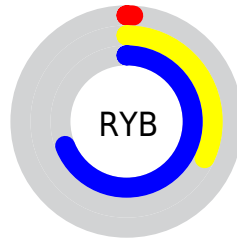
The CIELCh color **57, 32.953, 224.124** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **38, 75.865, 42.026**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **77, 33.032, 224.893**, and **38, 25.488, 233.042** is the 20% darker color. If you saturate the color by 10%, you get **57, 32.999, 224.366**, and if you desaturate by 10%, it is **58, 32.404, 221.539**.

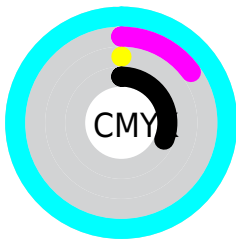
Distribution



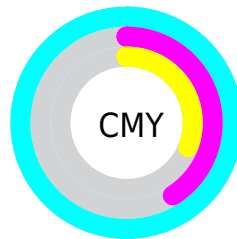
- Red (1%)
- Green (59%)
- Blue (69%)



- Red (1%)
- Yellow (32%)
- Blue (69%)



- Cyan (99%)
- Magenta (15%)
- Yellow (0%)
- Black (31%)





- Cyan (99%)
- Magenta (41%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 32.953, 224.124 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 57, 32.953, 224.124 by changing the saturation by 10% instead.


 57, 32.953,
224.124


 57, 32.953,
224.124


 100, 32.953,
224.124


 47, 32.953,
224.124


 77, 32.953,
224.124

 37, 32.953,
224.124

 87, 32.953,
224.124

 27, 32.953,
224.124

 97, 32.953,
224.124

 17, 32.953,
224.124

 7, 32.953, 224.124

 0, 32.953, 224.124

■ 57, 32.953,
224.124

■ 57, 32.953,
224.124

■ 57, 32.999,
224.366

■ 58, 32.404,
221.539

■ 59, 31.313,
219.386

■ 60, 29.518,
217.689

■ 61, 26.989,
216.389

■ 63, 23.750,
215.424

■ 64, 19.860,
214.734

■ 66, 15.399,
214.270

■ 68, 10.455,

213.994

■ 70, 5.117, 213.893

Harmonies

Complementary

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



57, 32.953, 224.124



38, 75.865, 42.026

Rectangle

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



57, 32.953, 224.124



57, 32.953, 274.124



57, 32.953, 44.124



57, 32.953, 94.124

Sweetspot

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



57, 32.952, 224.124



84, 19.616, 214.325



63, 87.346, 137.489



44, 13.151, 214.503



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



57, 32.952, 224.124



73, 40.241, 224.929



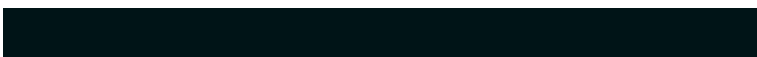
32, 69.126, 294.174



36, 3.153, 213.893



49, 29.422, 223.971



5, 6.585, 220.422

Inverse Universe

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



40, 77.763, 335.122



53, 94.817, 335.332



53, 62.149, 72.834



34, 5.946, 329.335



34, 69.505, 335.089



2, 11.980, 330.806

Previews

White Background



This preview shows how the CIELCh color 57, 32.953, 224.124 looks on a white background.

Color Contrast Check

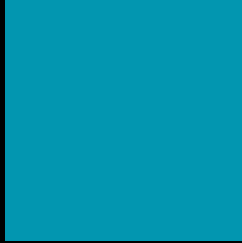
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 32.953, 224.124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

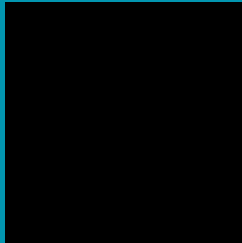
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 32.953, 224.124

Background



This preview shows how black text looks on a background with the CIELCh color 57, 32.953, 224.124.

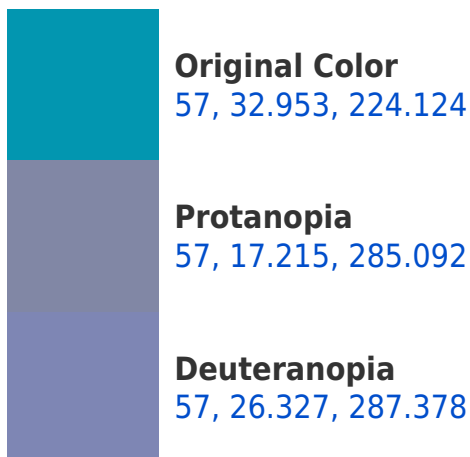


This preview shows how white text looks on a background with the CIELCh color 57, 32.953, 224.124.

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
57, 32.711, 208.903

Trichromacy



Original Color
57, 32.953, 224.124



Protanomaly
56, 23.528, 243.629



Deuteranomaly
56, 27.487, 253.395



Tritanomaly
57, 32.604, 214.314

Monochromacy



Original Color
57, 32.953, 224.124



Achromatopsia
46, 0.006, 296.813



Achromatomaly
49, 18.586, 214.347

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 32.953, 224.124 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(2, 150, 176)` looks like.

```
.text, #text, p{  
    color:rgb(2, 150, 176)  
}
```

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(2, 150, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 150, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 32.953, 224.124 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(2, 150, 176) }
```

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

```
.border{ border-color:rgb(2, 150, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 150, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 150, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 150, 176);  
box-shadow:4px 4px 4px 4px rgb(2, 150,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 32.953, 224.124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 150, 176) }
```

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

```
.background{ background-color: rgb(2, 150,  
176) }
```

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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