

Converting Colors

CIELCh(53, 32.434, 237.779)

Have a look what the booklet for
CIELCh(53, 32.434, 237.779)
contains.

CIELCh(53, 32.443, 237.930)	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(53, 32.443, 237.930)

Conversions

Conversions Part 1

Format	Color
Hex	1089AD
RGB	16, 137, 173
RGB Percent	6%, 54%, 68%
CMY	0.9362, 0.4624, 0.3212
CMYK	0.91, 0.21, 0.00, 0.32
HSL	194°, 83%, 37%
HSV	194°, 91%, 68%
XYZ	16.7254, 21.0462, 42.7570
YIQ	104.9250, -83.6720, -14.4560

Conversions

Conversions Part 2

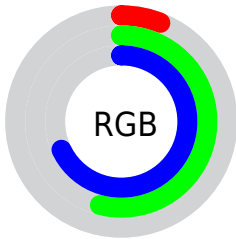
Format	Color
RYB	16, 84, 173
Decimal	1083821
CIELab	53.00, -17.23, -27.49
CIElCh	53, 32.443, 237.930
Yxy	21.0462, 0.2077, 0.2614
Android (android.graphics.Color)	4279273901 (0xFF1089AD)
YUV	104.9250, 33.5610, -77.9872
Hunter-Lab	45.8761, -15.2060, -23.1455

Details

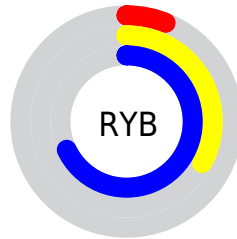
The CIELCh color **53, 32.443, 237.930** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **40, 66.812, 44.451**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **73, 32.660, 238.773**, and **34, 26.670, 249.295** is the 20% darker color. If you saturate the color by 10%, you get **52, 33.500, 241.724**, and if you desaturate by 10%, it is **54, 31.004, 234.378**.

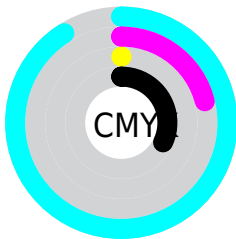
Distribution



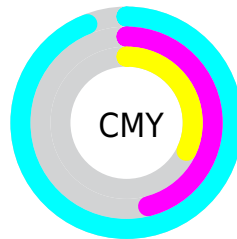
- Red (6%)
- Green (54%)
- Blue (68%)



- Red (6%)
- Yellow (33%)
- Blue (68%)



- Cyan (91%)
- Magenta (21%)
- Yellow (0%)
- Black (32%)





- Cyan (94%)
- Magenta (46%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 32.443, 237.930 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 53, 32.443, 237.930 by changing the saturation by 10% instead.


 53, 32.443,
237.930


 53, 32.443,
237.930


 100, 32.443,
237.930


 43, 32.443,
237.930


 73, 32.443,
237.930

 33, 32.443,
237.930

 83, 32.443,
237.930

 23, 32.443,
237.930

 93, 32.443,
237.930

 13, 32.443,
237.930

 3, 32.443, 237.930

 0, 32.443, 237.930

■ 53, 32.443,
237.930

■ 53, 32.443,
237.930

■ 52, 33.500,
241.724

■ 54, 31.004,
234.378

■ 56, 29.027,
231.474

■ 58, 26.451,
229.154

■ 60, 23.274,
227.334

■ 62, 19.535,
225.928

■ 64, 15.297,
224.857

■ 66, 10.633,
224.060

■ 68, 5.619, 223.500

Harmonies

Complementary

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



53, 32.443, 237.930



40, 66.812, 44.451

Rectangle

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



53, 32.443, 237.930



53, 32.443, 287.930



53, 32.443, 57.930



53, 32.443, 107.930

Sweetspot

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



53, 32.442, 237.930



82, 16.851, 224.581



62, 79.080, 140.489



42, 11.214, 224.871



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



53, 32.442, 237.930



66, 40.811, 242.572



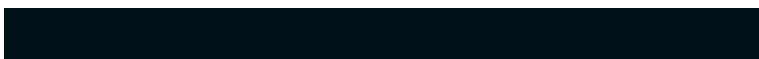
30, 70.630, 296.036



36, 3.016, 223.447



45, 30.152, 241.180



4, 6.392, 232.632

Inverse Universe

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



40, 71.510, 338.784



51, 87.744, 340.201



57, 59.753, 82.339



34, 5.616, 332.138



34, 65.502, 339.779



2, 11.139, 334.631

Previews

White Background



This preview shows how the CIELCh color 53, 32.443, 237.930 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 53, 32.443, 237.930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

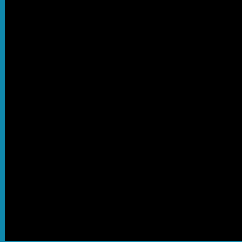
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 32.443, 237.930

Background



This preview shows how black text looks on a background with the CIELCh color 53, 32.443, 237.930.

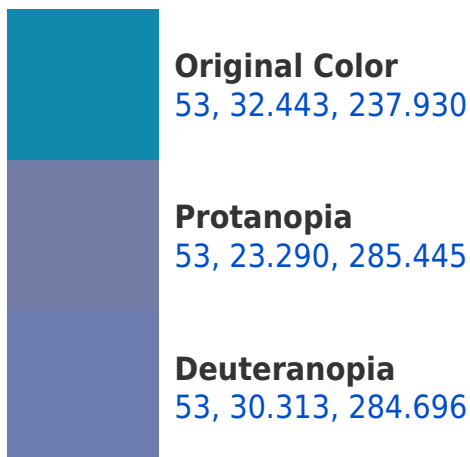


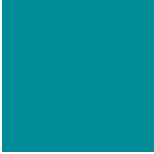
This preview shows how white text looks on a background with the CIELCh color 53, 32.443, 237.930.

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
53, 30.963, 208.673

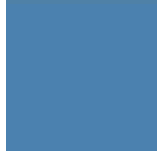
Trichromacy



Original Color
53, 32.443, 237.930



Protanomaly
52, 26.023, 257.238



Deuteranomaly
52, 30.056, 262.154



Tritanomaly
53, 30.638, 219.406

Monochromacy



Original Color
53, 32.443, 237.930



Achromatopsia
44, 0.006, 296.813



Achromatomaly
47, 16.550, 225.984

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 32.443, 237.930 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(16, 137, 173)` looks like.

```
.text, #text, p{  
    color:rgb(16, 137, 173)  
}
```

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(16, 137, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 137, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 32.443, 237.930 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(16, 137, 173) }
```

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

```
.border{ border-color:rgb(16, 137, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 137, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 137, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 137, 173);  
box-shadow:4px 4px 4px 4px rgb(16, 137,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 32.443, 237.930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 137, 173) }
```

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

```
.background{ background-color: rgb(16, 137,  
173) }
```

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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