

Converting Colors

CIELCh(55, 32.252, 227.005)

Have a look what the booklet for
CIELCh(55, 32.252, 227.005)
contains.

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Color

CIELCh(55, 32.308, 227.364)

Conversions

Conversions Part 1

Format	Color
Hex	0390AC
RGB	3, 144, 172
RGB Percent	1%, 56%, 67%
CMY	0.9888, 0.4354, 0.3256
CMYK	0.98, 0.16, 0.00, 0.33
HSL	190°, 97%, 34%
HSV	190°, 98%, 67%
XYZ	17.4452, 22.9298, 42.5158
YIQ	105.0330, -93.0240, -21.1840

Conversions

Conversions Part 2

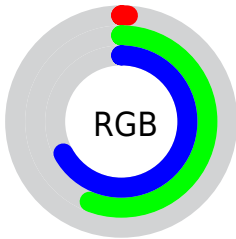
Format	Color
R _Y B	3, 80, 172
Decimal	233644
CIE Lab	55.00, -21.88, -23.77
CIE LCh	55, 32.308, 227.364
Yxy	22.9298, 0.2105, 0.2766
Android (android.graphics.Color)	4278423724 (0xFF0390AC)
YUV	105.0330, 33.0147, -89.4829
Hunter-Lab	47.8851, -18.7689, -19.1223

Details

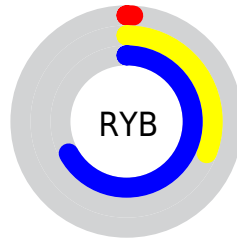
The CIELCh color **55, 32.308, 227.364** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **37, 73.610, 42.358**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **75, 32.241, 226.946**, and **36, 25.417, 239.201** is the 20% darker color. If you saturate the color by 10%, you get **55, 32.406, 227.851**, and if you desaturate by 10%, it is **56, 31.660, 224.489**.

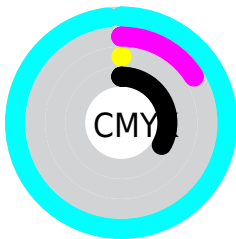
Distribution



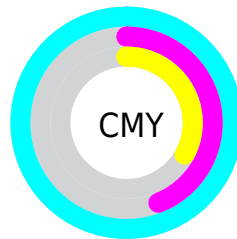
- Red (1%)
- Green (56%)
- Blue (67%)



- Red (1%)
- Yellow (31%)
- Blue (67%)



- Cyan (98%)
- Magenta (16%)
- Yellow (0%)
- Black (33%)





- Cyan (99%)
- Magenta (44%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 32.308, 227.364 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 55, 32.308, 227.364 by changing the saturation by 10% instead.


 55, 32.308,
227.364


 55, 32.308,
227.364


 100, 32.308,
227.364


 45, 32.308,
227.364


 75, 32.308,
227.364

 35, 32.308,
227.364

 85, 32.308,
227.364

 25, 32.308,
227.364

 95, 32.308,
227.364

 15, 32.308,
227.364

 5, 32.308, 227.364

 0, 32.308, 227.364

■ 55, 32.308,
227.364

■ 55, 32.308,
227.364

■ 55, 32.406,
227.851

■ 56, 31.660,
224.489

■ 57, 30.481,
222.100

■ 58, 28.629,
220.209

■ 60, 26.078,
218.749

■ 61, 22.851,
217.650

■ 63, 19.007,
216.848

■ 65, 14.623,
216.289

■ 67, 9.783, 215.930

Harmonies

Complementary

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



55, 32.308, 227.364



37, 73.610, 42.358

Rectangle

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



55, 32.308, 227.364



55, 32.308, 277.364



55, 32.308, 47.364



55, 32.308, 97.364

Sweetspot

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



55, 32.307, 227.364



82, 19.065, 216.394



61, 85.004, 137.867



42, 12.784, 216.614



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



55, 32.307, 227.364



70, 39.535, 228.495



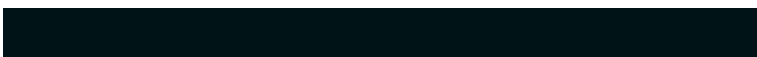
31, 69.202, 294.891



36, 3.118, 215.768



48, 29.371, 227.468



5, 6.520, 222.922

Inverse Universe

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



39, 75.447, 335.947



51, 92.062, 336.251



52, 60.871, 74.612



34, 5.877, 329.881



34, 68.650, 335.984



2, 11.799, 331.565

Previews

White Background



This preview shows how the CIELCh color 55, 32.308, 227.364 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 55, 32.308, 227.364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

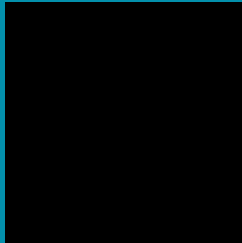
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 32.308, 227.364

Background



This preview shows how black text looks on a background with the CIELCh color 55, 32.308, 227.364.

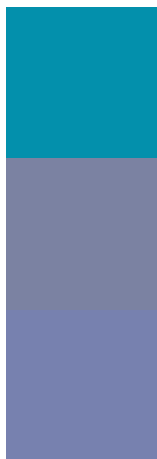


This preview shows how white text looks on a background with the CIELCh color 55, 32.308, 227.364.

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

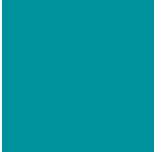
55, 32.308, 227.364

Protanopia

55, 18.501, 284.730

Deuteranopia

55, 26.558, 286.117



Tritanopia
55, 31.944, 208.199

Trichromacy



Original Color
55, 32.308, 227.364



Protanomaly
54, 24.064, 246.783



Deuteranomaly
54, 27.694, 255.611



Tritanomaly
55, 31.658, 215.008

Monochromacy



Original Color
55, 32.308, 227.364



Achromatopsia
44, 0.006, 296.813



Achromatomaly
47, 17.889, 217.222

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 32.308, 227.364 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, 144, 172)` looks like.

```
.text, #text, p{  
    color:rgb(3, 144, 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(3, 144, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 144, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 32.308, 227.364 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, 144, 172) }
```

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

```
.border{ border-color:rgb(3, 144, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 144, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 144, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 144, 172);  
box-shadow:4px 4px 4px 4px rgb(3, 144,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 32.308, 227.364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 144, 172) }
```

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

```
.background{ background-color: rgb(3, 144,  
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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