

Converting Colors

CIELCh(55, 30.483, 224.360)

Have a look what the booklet for
CIELCh(55, 30.483, 224.360)
contains.

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Color

CIELCh(55, 30.562, 224.279)

Conversions

Conversions Part 1

Format	Color
Hex	1C90A8
RGB	28, 144, 168
RGB Percent	11%, 56%, 66%
CMY	0.8921, 0.4362, 0.3422
CMYK	0.84, 0.14, 0.00, 0.34
HSL	190°, 72%, 38%
HSV	190°, 84%, 66%
XYZ	17.4457, 22.9298, 40.4297
YIQ	112.0520, -76.8400, -17.1280

Conversions

Conversions Part 2

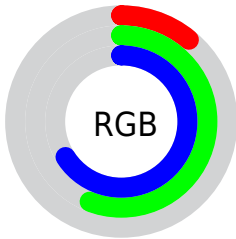
Format	Color
R_{YB}	28, 91, 168
Decimal	1872040
CIE _{Lab}	55.00, -21.88, -21.34
CIE _{LCh}	55, 30.562, 224.279
Yxy	22.9298, 0.2159, 0.2838
Android (android.graphics.Color)	4280062120 (0xFF1C90A8)
YUV	112.0520, 27.5824, -73.7136
Hunter-Lab	47.8851, -18.7671, -16.5393

Details

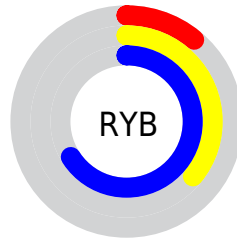
The CIELCh color **55, 30.562, 224.279** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **39, 61.625, 41.104**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **75, 30.443, 224.189**, and **36, 24.457, 233.451** is the 20% darker color. If you saturate the color by 10%, you get **54, 31.435, 227.037**, and if you desaturate by 10%, it is **56, 29.074, 222.058**.

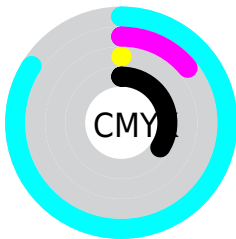
Distribution



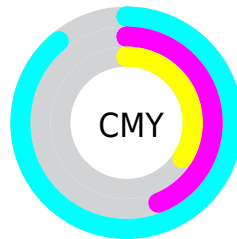
- Red (11%)
- Green (56%)
- Blue (66%)



- Red (11%)
- Yellow (36%)
- Blue (66%)



- Cyan (84%)
- Magenta (14%)
- Yellow (0%)
- Black (34%)





- Cyan (89%)
- Magenta (44%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 30.562, 224.279 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, 30.562, 224.279 by changing the saturation by 10% instead.


 55, 30.562,
224.279


 55, 30.562,
224.279


 100, 30.562,
224.279


 45, 30.562,
224.279


 75, 30.562,
224.279

 35, 30.562,
224.279

 85, 30.562,
224.279

 25, 30.562,
224.279

 95, 30.562,
224.279

 15, 30.562,
224.279

 5, 30.562, 224.279

 0, 30.562, 224.279

■ 55, 30.562,
224.279

■ 55, 30.562,
224.279

■ 54, 31.435,
227.037

■ 56, 29.074,
222.058

■ 53, 31.827,
228.976

■ 58, 26.917,
220.317

■ 59, 24.089,
218.983

■ 61, 20.630,
217.988

■ 62, 16.606,
217.269

■ 64, 12.098,
216.776

■ 66, 7.187, 216.474

■ 68, 1.953, 216.463

Harmonies

Complementary

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



55, 30.562, 224.279



39, 61.625, 41.104

Rectangle

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



55, 30.562, 224.279



55, 30.562, 274.279



55, 30.562, 44.279



55, 30.562, 94.279

Sweetspot

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



55, 30.561, 224.278



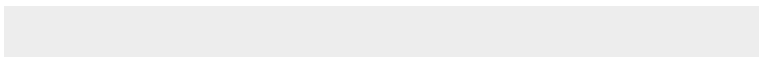
81, 15.834, 216.852



60, 75.764, 140.332



42, 10.659, 217.008



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



55, 30.561, 224.278



68, 38.877, 229.662



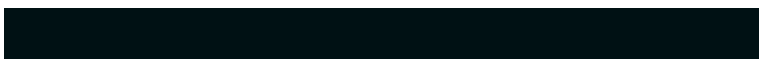
34, 58.323, 290.585



35, 3.032, 216.407



47, 29.011, 228.596



4, 5.499, 222.581

Inverse Universe

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



40, 70.981, 335.031



50, 90.117, 336.557



54, 54.713, 79.356



33, 5.712, 330.064



33, 67.530, 336.277



2, 9.960, 331.461

Previews

White Background



This preview shows how the CIE LCh color 55, 30.562, 224.279 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, 30.562, 224.279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

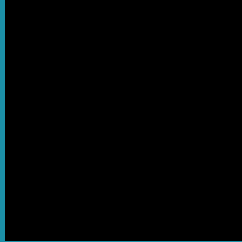
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 30.562, 224.279

Background



This preview shows how black text looks on a background with the CIELCh color 55, 30.562, 224.279.

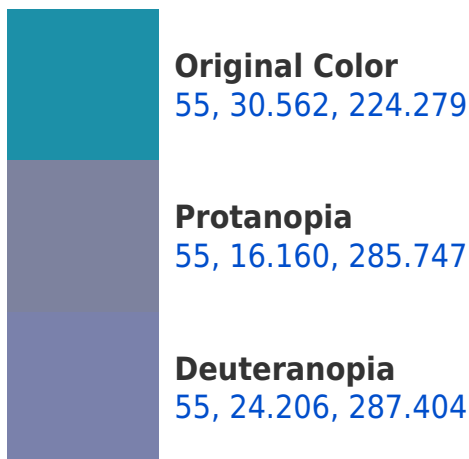


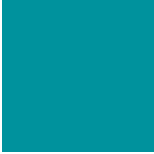
This preview shows how white text looks on a background with the CIELCh color 55, 30.562, 224.279.

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



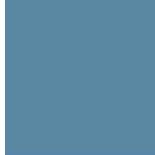


Tritanopia
55, 31.944, 208.199

Trichromacy



Original Color
55, 30.562, 224.279



Protanomaly
54, 20.744, 247.487



Deuteranomaly
54, 24.549, 256.963



Tritanomaly
55, 31.281, 214.121

Monochromacy



Original Color
55, 30.562, 224.279



Achromatopsia
47, 0.006, 296.813



Achromatomaly
49, 15.550, 215.663

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 30.562, 224.279 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(28, 144, 168)` looks like.

```
.text, #text, p{  
    color:rgb(28, 144, 168)  
}
```

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(28, 144, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 144, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 30.562, 224.279 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(28, 144, 168) }
```

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

```
.border{ border-color:rgb(28, 144, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 144, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 144, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 144, 168);  
box-shadow:4px 4px 4px 4px rgb(28, 144,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 30.562, 224.279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 144, 168) }
```

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

```
.background{ background-color: rgb(28, 144,  
168) }
```

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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