

Converting Colors

CIELCh(55, 29.145, 181.194)

Have a look what the booklet for
CIELCh(55, 29.145, 181.194)
contains.

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Color

CIELCh(55, 29.059, 181.654)

Conversions

Conversions Part 1

Format	Color
Hex	3B9184
RGB	59, 145, 132
RGB Percent	23%, 57%, 52%
CMY	0.7676, 0.4305, 0.4815
CMYK	0.59, 0.00, 0.09, 0.43
HSL	171°, 42%, 40%
HSV	171°, 59%, 57%
XYZ	16.1588, 22.9298, 25.4834
YIQ	117.8040, -47.0830, -22.2750

Conversions

Conversions Part 2

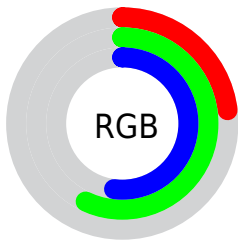
Format	Color
RYB	59, 106, 145
Decimal	3903876
CIELab	55.00, -29.05, -0.84
CIELCh	55, 29.059, 181.654
Yxy	22.9298, 0.2502, 0.3551
Android (android.graphics.Color)	4282093956 (0xFF3B9184)
YUV	117.8040, 6.9986, -51.5711
Hunter-Lab	47.8851, -23.5642, 1.9667

Details

The CIELCh color **55, 29.059, 181.654** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **37, 39.004, 15.794**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 28.888, 181.958**, and **35, 26.818, 181.063** is the 20% darker color. If you saturate the color by 10%, you get **55, 32.280, 180.530**, and if you desaturate by 10%, it is **56, 25.222, 182.691**.

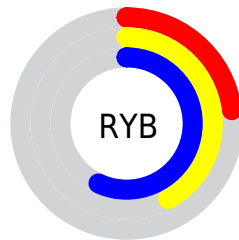
Distribution



Red (23%)

Green (57%)

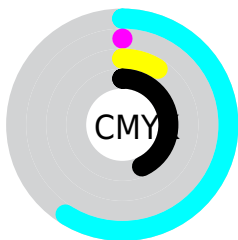
Blue (52%)



Red (23%)

Yellow (42%)

Blue (57%)

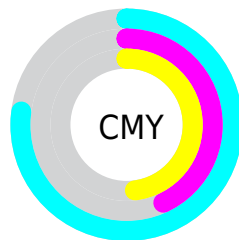


Cyan (59%)

Magenta (0%)

Yellow (9%)

Black (43%)



Cyan (77%)


Magenta (43%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 29.059, 181.654 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, 29.059, 181.654 by changing the saturation by 10% instead.


 55, 29.059,
181.654

 55, 29.059,
181.654


 100, 29.059,
181.654

 45, 29.059,
181.654


 75, 29.059,
181.654

 35, 29.059,
181.654

 85, 29.059,
181.654

 25, 29.059,
181.654

 95, 29.059,
181.654

 15, 29.059,
181.654

 5, 29.059, 181.654

 0, 29.059, 181.654

■ 55, 29.059,
181.654

■ 55, 29.059,
181.654

■ 55, 32.280,
180.530

■ 56, 25.222,
182.691

■ 54, 34.848,
179.304

■ 56, 20.836,
183.664

■ 54, 36.768,
177.955

■ 57, 15.984,
184.587

■ 54, 38.202,
176.515

■ 58, 10.757,
185.475

■ 54, 38.315,
176.403

■ 59, 5.246, 186.359

■ 60, 0.466, 6.211

■ 62, 6.307, 7.825

■ 63, 12.214, 8.630

■ 65, 18.140, 9.396

Harmonies

Complementary

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



55, 29.059, 181.654



37, 39.004, 15.794

Rectangle

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



55, 29.059, 181.654



55, 29.059, 231.654



55, 29.059, 1.654



55, 29.059, 51.654

Sweetspot

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



55, 29.059, 181.653



74, 12.508, 185.548



54, 55.074, 136.171



38, 8.616, 185.317



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



55, 29.059, 181.653



69, 40.262, 180.142



46, 23.473, 245.012



30, 3.176, 186.362



50, 36.319, 176.514



2, 2.178, 187.047

Inverse Universe

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



37, 39.004, 15.794



44, 57.830, 19.881



43, 33.583, 51.999



28, 3.306, 7.757



27, 59.036, 31.426



0, 2.178, 7.031

Previews

White Background



This preview shows how the CIE LCh color 55, 29.059, 181.654 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, 29.059, 181.654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

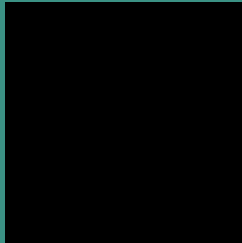
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 29.059, 181.654

Background



This preview shows how black text looks on a background with the CIELCh color 55, 29.059, 181.654.

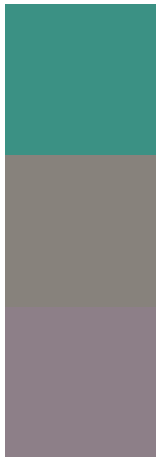


This preview shows how white text looks on a background with the CIELCh color 55, 29.059, 181.654.

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, 29.059, 181.654

Protanopia
55, 3.978, 79.131

Deuteranopia
55, 7.599, 337.352



Tritanopia
55, 23.561, 214.600

Trichromacy



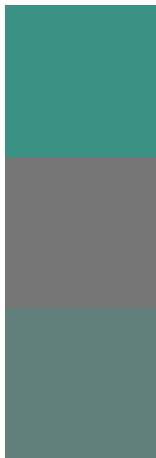
Original Color
55, 29.059, 181.654

Protanomaly
54, 12.340, 173.302

Deuteranomaly
54, 8.648, 202.422

Tritanomaly
55, 24.552, 201.207

Monochromacy



Original Color
55, 29.059, 181.654

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 12.170, 184.238

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 29.059, 181.654 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(59, 145, 132)` looks like.

```
.text, #text, p{  
    color:rgb(59, 145, 132)  
}
```

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(59, 145, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 145, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 29.059, 181.654 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(59, 145, 132) }
```

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

```
.border{ border-color:rgb(59, 145, 132) }
```

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

Here you see how a box with a 4 pixel rgb(59, 145, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 145, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 145, 132);  
box-shadow:4px 4px 4px 4px rgb(59, 145,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 29.059, 181.654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 145, 132) }
```

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

```
.background{ background-color: rgb(59, 145,  
132) }
```

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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