

Converting Colors

CIELCh(55, 28.116, 203.144)

Have a look what the booklet for
CIELCh(55, 28.116, 203.144)
contains.

CIELCh(55, 28.179, 202.779)	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(55, 28.179, 202.779)

Conversions

Conversions Part 1

Format	Color
Hex	2F9196
RGB	47, 145, 150
RGB Percent	18%, 57%, 59%
CMY	0.8175, 0.4327, 0.4131
CMYK	0.69, 0.03, 0.00, 0.41
HSL	183°, 53%, 38%
HSV	183°, 69%, 59%
XYZ	16.7013, 22.9298, 32.2549
YIQ	116.2680, -60.0130, -19.2210

Conversions

Conversions Part 2

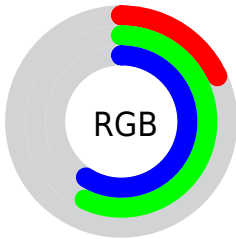
Format	Color
RYB	47, 97, 150
Decimal	3117462
CIELab	55.00, -25.98, -10.91
CIELCh	55, 28.179, 202.779
Yxy	22.9298, 0.2323, 0.3190
Android (android.graphics.Color)	4281307542 (0xFF2F9196)
YUV	116.2680, 16.6299, -60.7480
Hunter-Lab	47.8851, -21.5420, -6.4175

Details

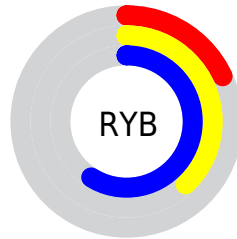
The CIELCh color **55, 28.179, 202.779** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **36, 48.097, 31.897**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 28.037, 202.965**, and **36, 23.498, 204.256** is the 20% darker color. If you saturate the color by 10%, you get **54, 29.927, 203.104**, and if you desaturate by 10%, it is **56, 25.737, 202.598**.

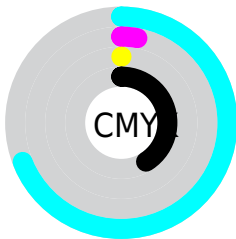
Distribution



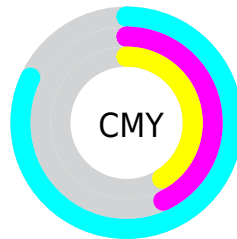
- Red (18%)
- Green (57%)
- Blue (59%)



- Red (18%)
- Yellow (38%)
- Blue (59%)



- Cyan (69%)
- Magenta (3%)
- Yellow (0%)
- Black (41%)





- Cyan (82%)
- Magenta (43%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 28.179, 202.779 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, 28.179, 202.779 by changing the saturation by 10% instead.


 55, 28.179,
202.779


 55, 28.179,
202.779


 100, 28.179,
202.779


 45, 28.179,
202.779


 75, 28.179,
202.779


 35, 28.179,
202.779

 85, 28.179,
202.779

 25, 28.179,
202.779

 95, 28.179,
202.779

 15, 28.179,
202.779

 5, 28.179, 202.779

 0, 28.179, 202.779

■ 55, 28.179,
202.779

■ 55, 28.179,
202.779

■ 54, 29.927,
203.104

■ 56, 25.737,
202.598

■ 54, 30.997,
203.588

■ 56, 22.625,
202.550

■ 54, 31.542,
204.206

■ 57, 18.897,
202.618

■ 54, 31.597,
204.275

■ 58, 14.626,
202.788

■ 59, 9.896, 203.050

■ 61, 4.791, 203.414

■ 62, 0.608, 22.954

■ 64, 6.227, 24.034

■ 65, 12.005, 24.516

Harmonies

Complementary

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



55, 28.179, 202.779



36, 48.097, 31.897

Rectangle

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



55, 28.179, 202.779



55, 28.179, 252.779



55, 28.179, 22.779



55, 28.179, 72.779

Sweetspot

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



55, 28.179, 202.778



75, 13.469, 202.976



55, 65.340, 139.159



39, 9.016, 202.909



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



55, 28.179, 202.778



69, 37.068, 203.362



39, 35.028, 274.014



31, 3.010, 203.401



50, 29.749, 204.213



2, 2.696, 203.665

Inverse Universe

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



39, 63.431, 329.267



47, 86.229, 329.813



47, 40.475, 69.991



29, 5.587, 326.243



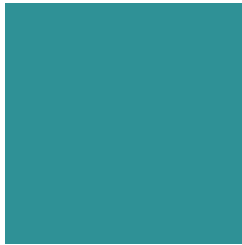
32, 70.425, 330.209



1, 4.860, 325.763

Previews

White Background



This preview shows how the CIE LCh color 55, 28.179, 202.779 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, 28.179, 202.779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

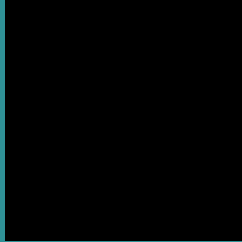
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 28.179, 202.779

Background



This preview shows how black text looks on a background with the CIELCh color 55, 28.179, 202.779.



This preview shows how white text looks on a background with the CIELCh color 55, 28.179, 202.779.

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, 28.179, 202.779

Protanopia
55, 5.757, 290.883

Deuteranopia
55, 14.554, 299.187



Tritanopia
55, 27.264, 210.604

Trichromacy



Original Color
55, 28.179, 202.779

Protanomaly
54, 13.285, 221.448

Deuteranomaly
54, 14.878, 243.116

Tritanomaly
55, 27.450, 207.972

Monochromacy



Original Color
55, 28.179, 202.779

Achromatopsia
49, 0.007, 296.813

Achromatomaly
50, 12.824, 203.375

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 28.179, 202.779 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(47, 145, 150)` looks like.

```
.text, #text, p{  
    color:rgb(47, 145, 150)  
}
```

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(47, 145, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 145, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 28.179, 202.779 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(47, 145, 150) }
```

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

```
.border{ border-color:rgb(47, 145, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 145, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 145, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 145, 150);  
box-shadow:4px 4px 4px 4px rgb(47, 145,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 28.179, 202.779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 145, 150) }
```

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

```
.background{ background-color: rgb(47, 145,  
150) }
```

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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